



Design Led – Solutions Driven

TOPAZ™ CMS  
Software User  
Manual

TOPAZ™ CMS  
Software User Manual



## Our Full Product Range

Full details of all TOPAZ™ products available can be found by visiting our web site  
[www.topazdigital.com](http://www.topazdigital.com)

### HaLO Range



**10" POS**



**23" POS**



**42" HaLO SL**

### SL Series - Wall Mounted



**19", 22", 32", 42", 46", 55"**

### SL Series - Freestanding



**46" & 55"**

### Touch Series - Wall Mounted



**32", 42", 46", 55", 65", 70", 84"**

### Touch Series - Freestanding



**46" & 55"**

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## I. Introduction

The Content Management System (CMS) is your way of updating and managing your screens' content. Through it you can upload media to our secure server, arrange your media in various layouts, schedule playlists, and remotely send them to your screen. You can also control the display settings and assign On/Off times for all of your screens.

If you have an administrators' account you can also manage and control your user activities and privileges.

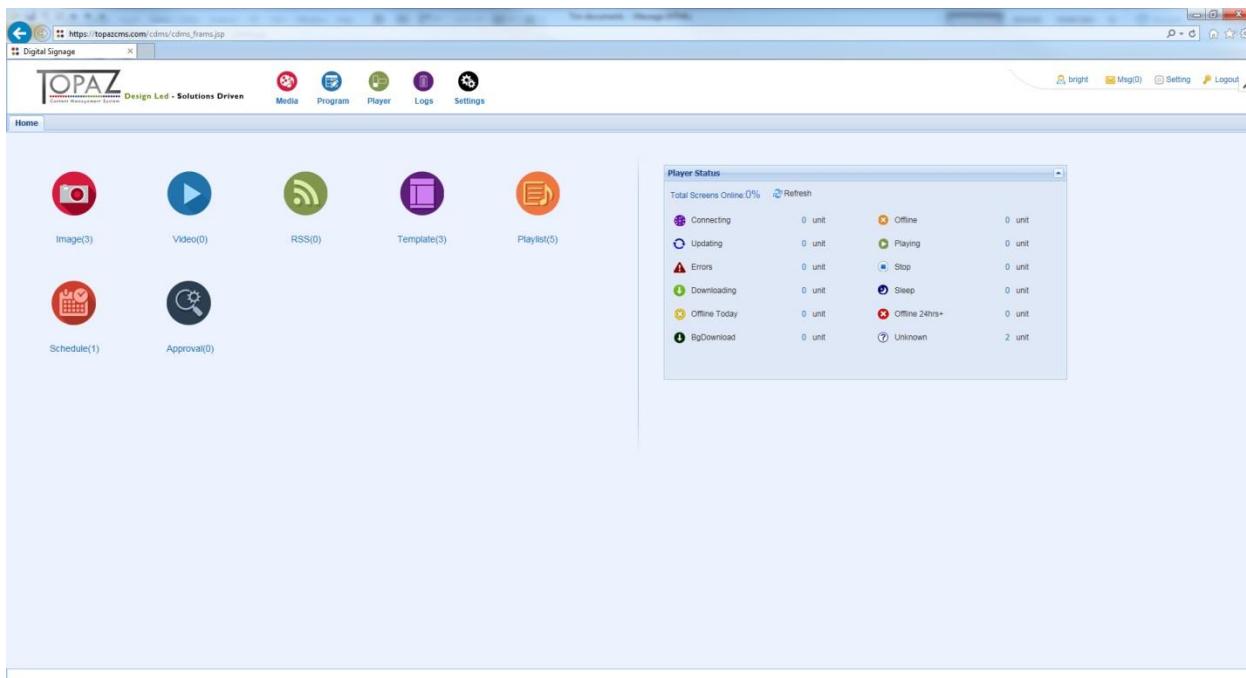
Note: Before using the CMS please set up your screen by following the installation steps in the Hardware User Manual. If you do not want to mount your screen you must at least connect the power lead and connect the screen to the internet via either a LAN cable or wirelessly.

### I.I Logging In

To log in to the CMS begin by launching a web browser, we recommend Google Chrome however most popular browser should be compatible, then go to [www.topazcms.com](http://www.topazcms.com) and click "Login" from the top navigation menu. Next, enter the username and password that you were provided with when you received your screen along with the security code. If you do not have any login details please contact your supplier and they will provide you with a username and password.

Once you have logged in you will be greeted by an overview of your screens. If you have connected yours screens to the internet as per the installation instructions in the Hardware User Manual next to “Playing” in your Player Status area you should see the number of screens that you have. If there are any screens “Offline” or “Offline 24hrs+” please check that they are correctly connected to the internet. If your screens appear next to “Unknown” please contact your supplier to make sure your screens have been pre-loaded for you.

For all other Statuses please see section 2.3.2 Status.



## 2. Top Menu - System Operation

### 2.1 Media

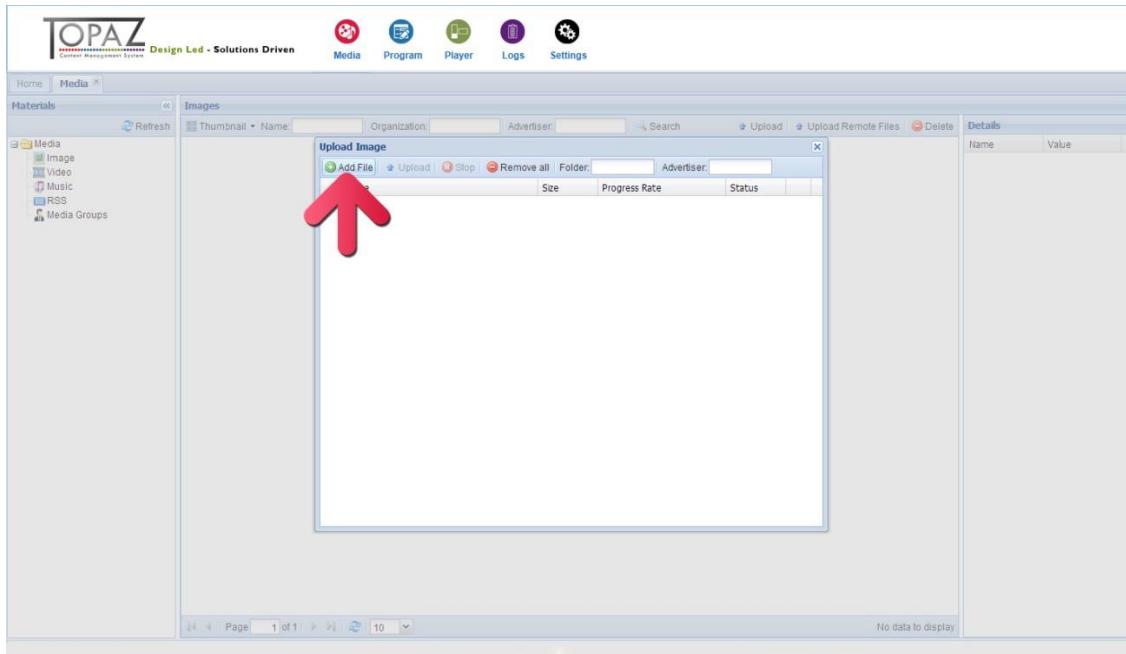
Before creating any layouts or playlists you must first upload any media files you wish to use. Once you have uploaded them they will remain on our secure server until you wish to delete them.

#### 2.1.1 Image

Begin by clicking on the “Media” icon on the Top Menu then click on “Image”.

Then click on the “Upload” button.

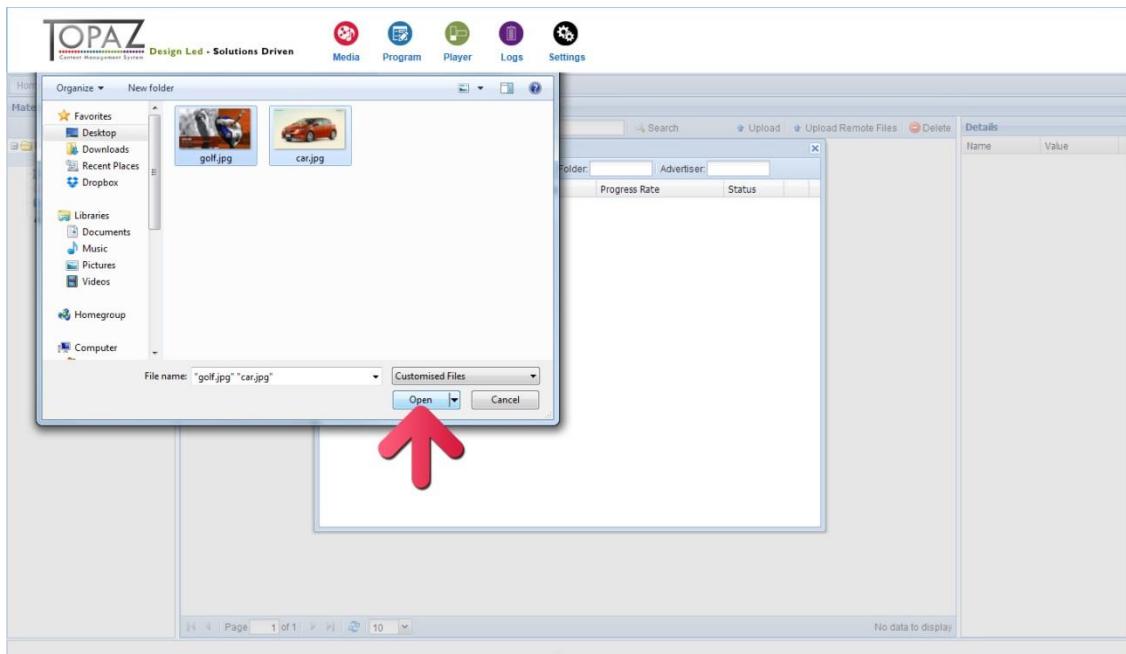
An upload box will now appear. To begin uploading files please click “Add Files”.



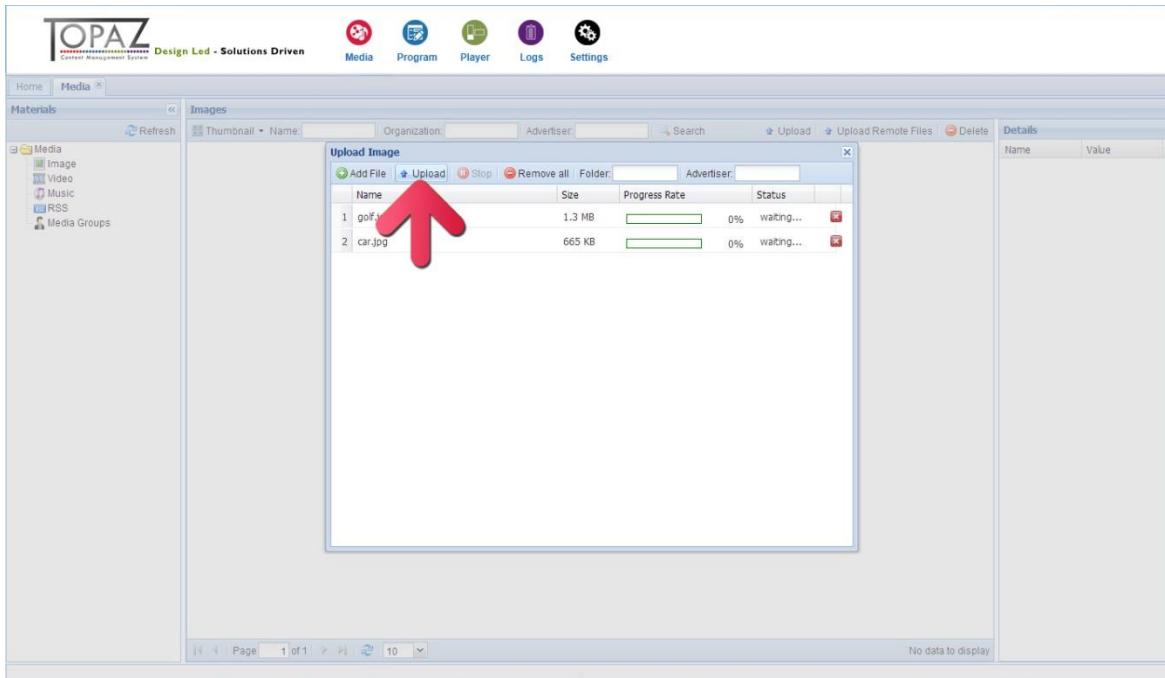
You can now browse through your files and select the images you wish to upload.

**NOTE: Please see section 2.1.6 for supported media formats.**

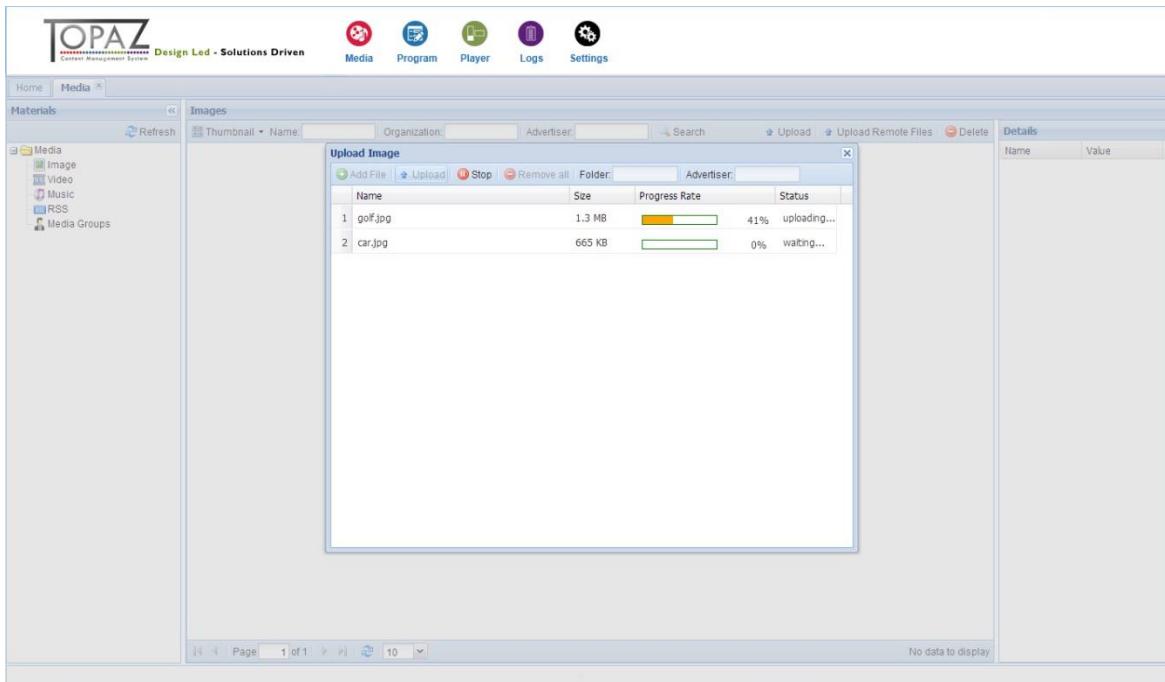
Once you have selected all the image files you wish to upload click “Open” in the browser window.



You will now have a list of all the images you selected to upload. Click the “Upload” button and wait until they have all finished uploading. You can track the progress of each file by the loading bar underneath the file name.



You will now see the “Progress Rate” bar expand until the files have completely uploaded.



You should now see a list of all the images you have uploaded.

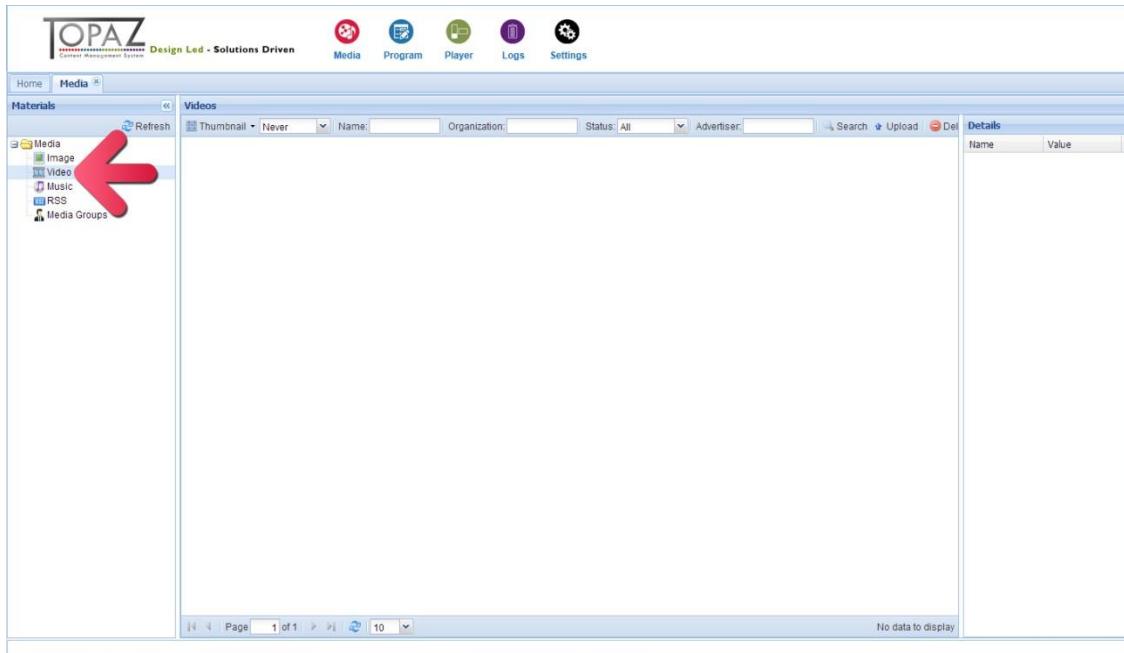
The screenshot shows the TOPAZ CMS interface with the 'Media' tab selected. On the left, a sidebar titled 'Materials' includes a 'Media' section with options for Image, Video, Music, RSS, and Media Groups. The main area is titled 'Images' and displays two thumbnails: 'car.jpg' and 'golf.jpg'. A search bar at the top allows filtering by 'Thumbnail', 'Name', 'Organization', and 'Advertiser'. Below the thumbnails is a toolbar with 'Upload', 'Upload Remote Files', and a delete icon. To the right is a 'Details' table showing the name and value for each image. At the bottom, there are navigation buttons for page selection and a note indicating 'Displaying 1 - 2 of 2'.

If you want to know the details of any image that you have uploaded (such as resolution, the time and date it was uploaded or which user uploaded it) you can simply click on the image thumbnail.

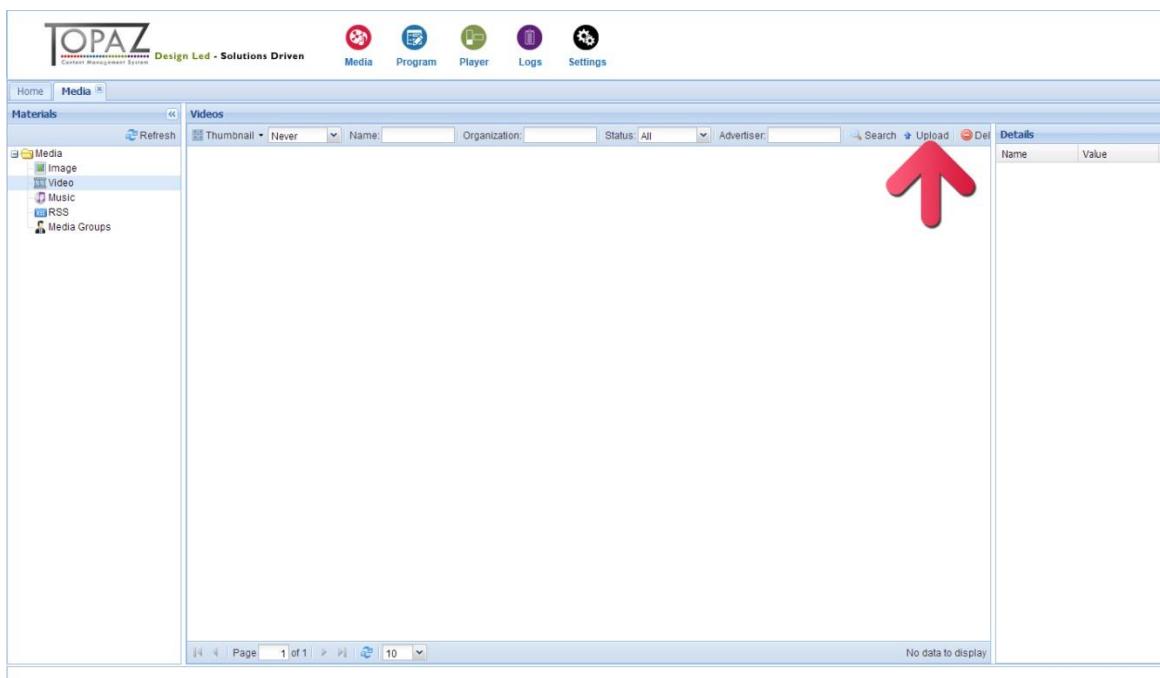
This screenshot shows the same interface as above, but with a red arrow pointing to the 'car.jpg' thumbnail in the 'Images' list. The 'Details' table on the right side is now populated with specific information for the 'car.jpg' file, including its name, resolution (1920 X 1080), size (664.99KB), and upload date (2014-06-18 1...). It also lists the user who uploaded it, the update time, folder, organization, media group, and remarks.

## 2.1.2 Video

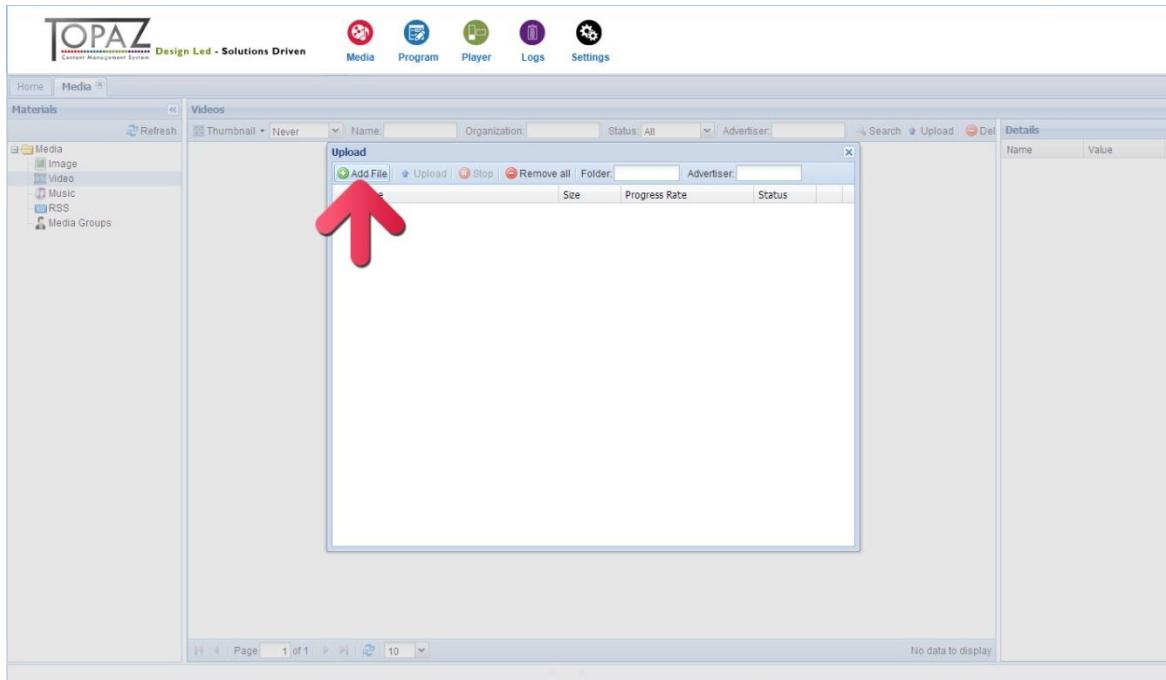
Begin by clicking on the “Media” icon on the Top Menu then click on “Video”.



Then click on the “Upload” button.



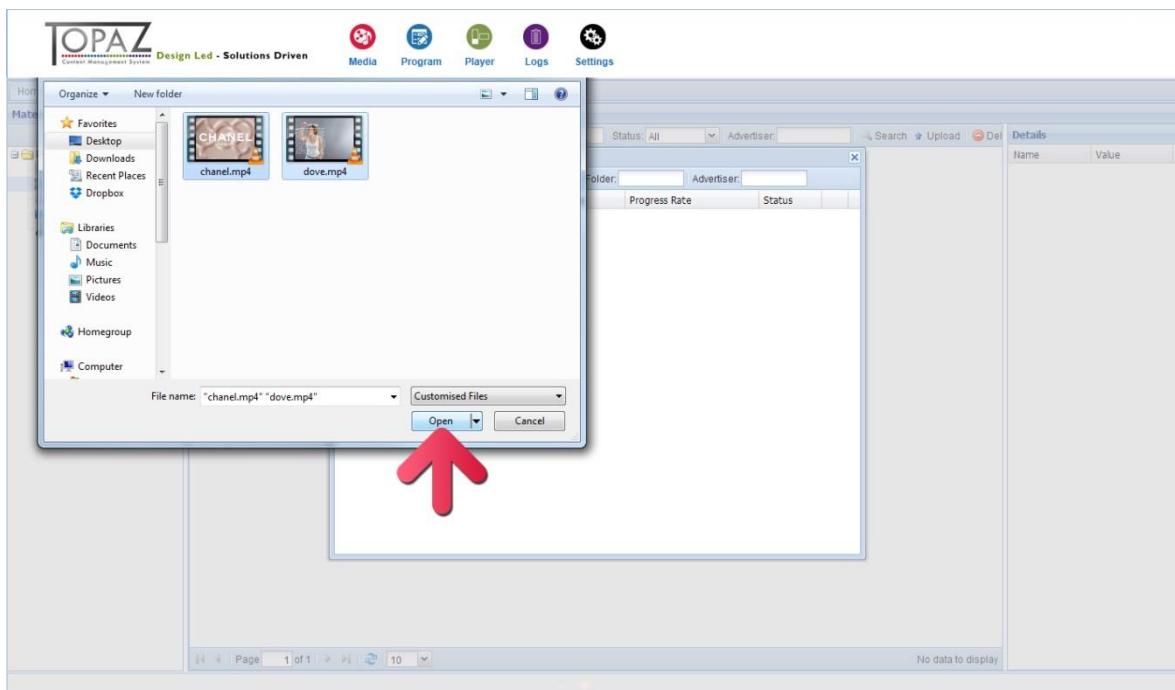
An upload box will now appear. To begin uploading files please click “Add Files”.



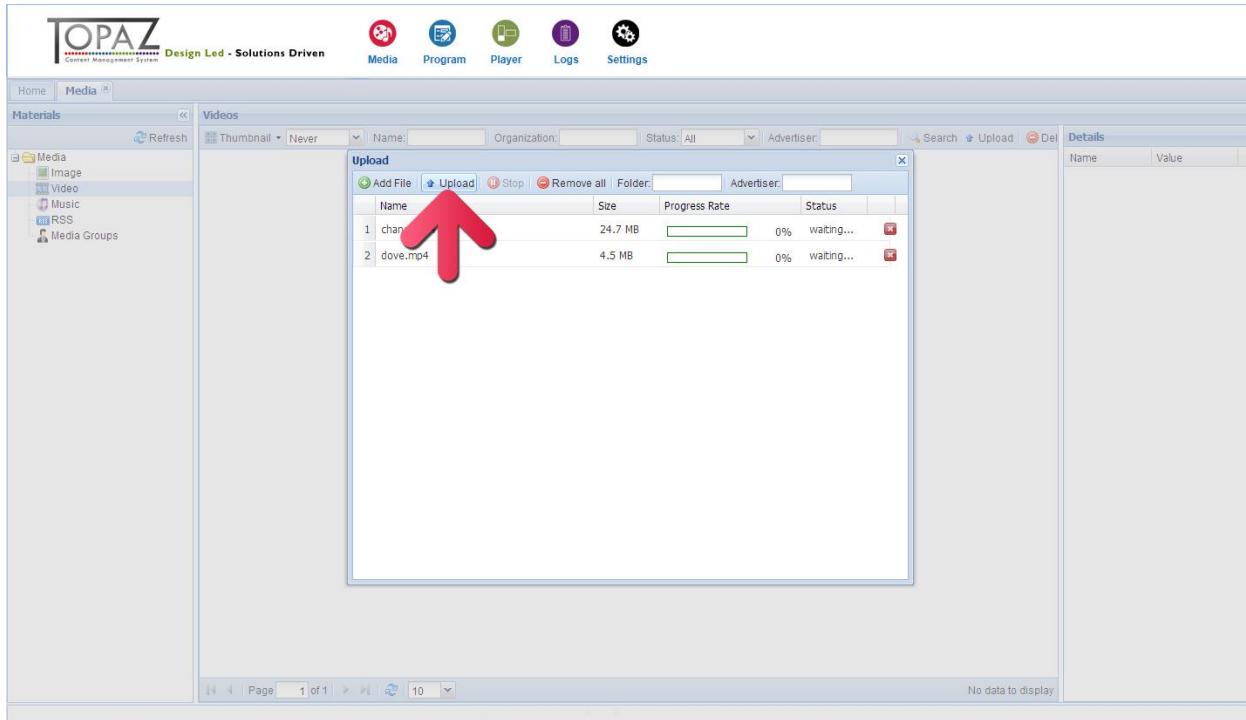
You can now browse through your files and select the videos you wish to upload.

**NOTE: Please see section 2.1.6 for supported media formats.**

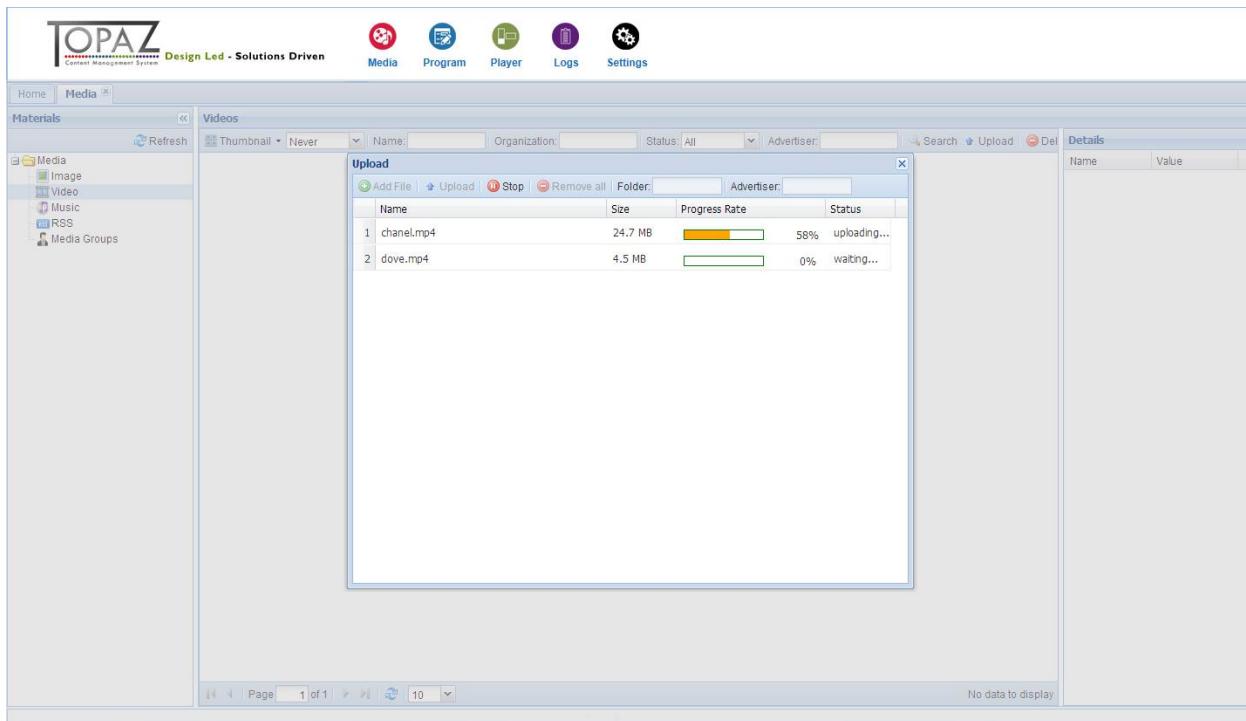
Once you have selected all the video files you wish to upload click “Open” in the browser window.



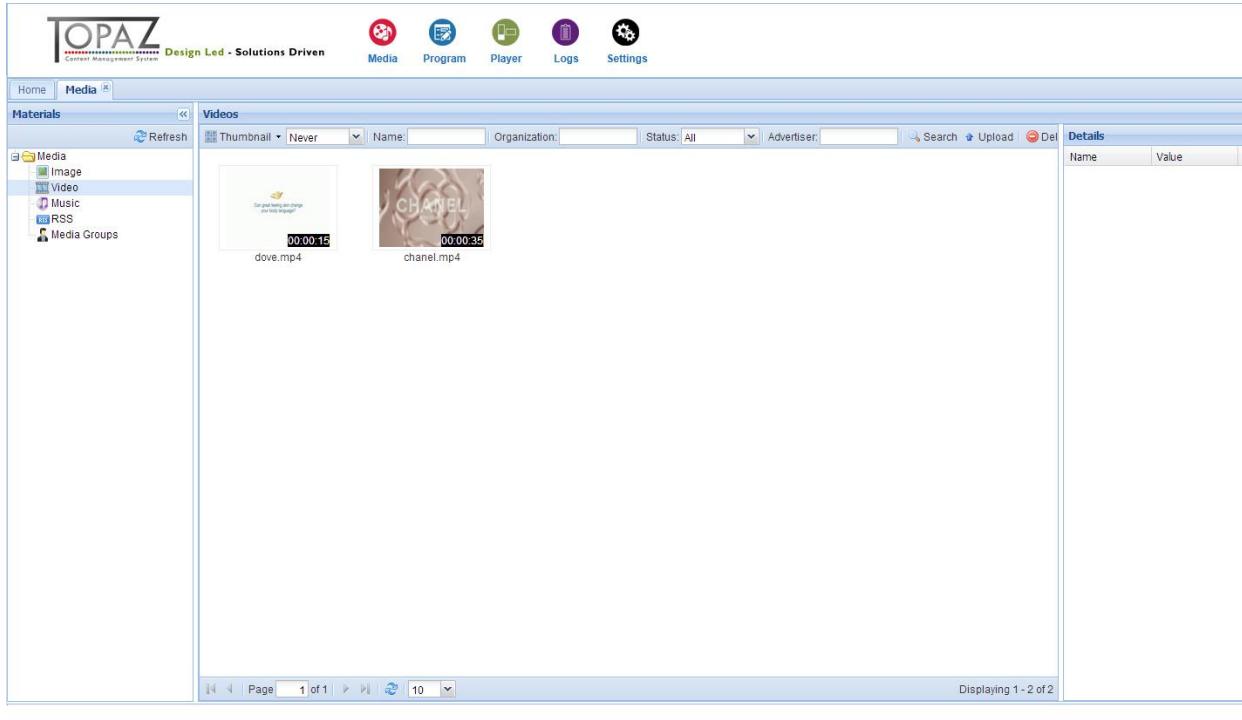
You will now have a list of all the videos you selected to upload. Click the “Upload” button and wait until they have all finished uploading.



You will now see the “Progress Rate” bar expand until the files have completely uploaded.

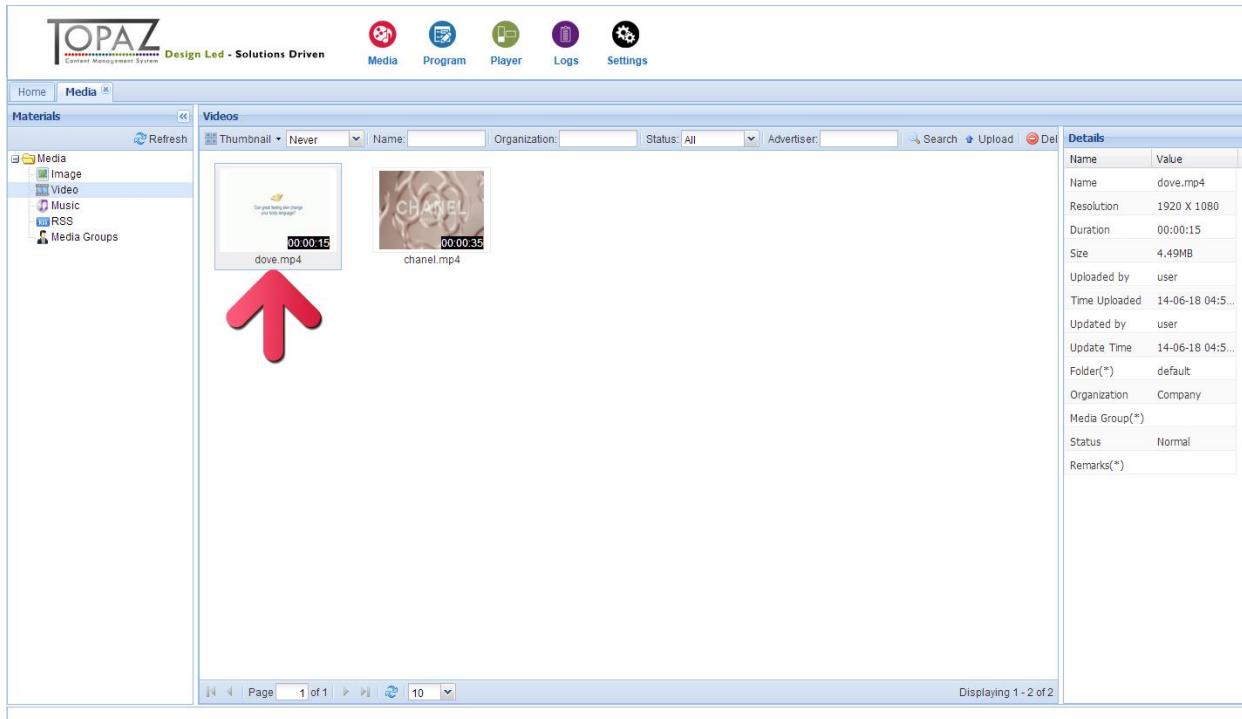


You should now see a list of all the videos you have uploaded.



The screenshot shows the TOPAZ CMS interface with the 'Media' tab selected. On the left, a sidebar titled 'Materials' lists 'Media' (with sub-options: Image, Video, Music, RSS, Media Groups), 'Program', 'Player', 'Logs', and 'Settings'. The main area is titled 'Videos' and contains two video thumbnails: 'dove.mp4' (duration 00:00:15) and 'chanel.mp4' (duration 00:00:35). A search bar at the top allows filtering by 'Thumbnail', 'Never', 'Name', 'Organization', 'Status', and 'Advertiser'. Below the thumbnails is a pagination control showing '1 of 1' and a page size dropdown set to '10'. To the right, a 'Details' panel is visible, showing a table with columns 'Name' and 'Value' for the selected video.

If you want to know the details of any video that you have uploaded (such as resolution, duration, the time and date it was uploaded or which user uploaded it) you can simply click on the video thumbnail.



This screenshot is similar to the previous one but focuses on the 'dove.mp4' video thumbnail, which is highlighted with a large red arrow pointing towards it. The 'Details' panel on the right displays the following information for the selected video:

Name	dove.mp4
Resolution	1920 X 1080
Duration	00:00:15
Size	4.49MB
Uploaded by	user
Time Uploaded	14-06-18 04:5...
Updated by	user
Update Time	14-06-18 04:5...
Folder(*)	default
Organization	Company
Media Group(*)	
Status	Normal
Remarks(*)	

## 2.1.3 Music

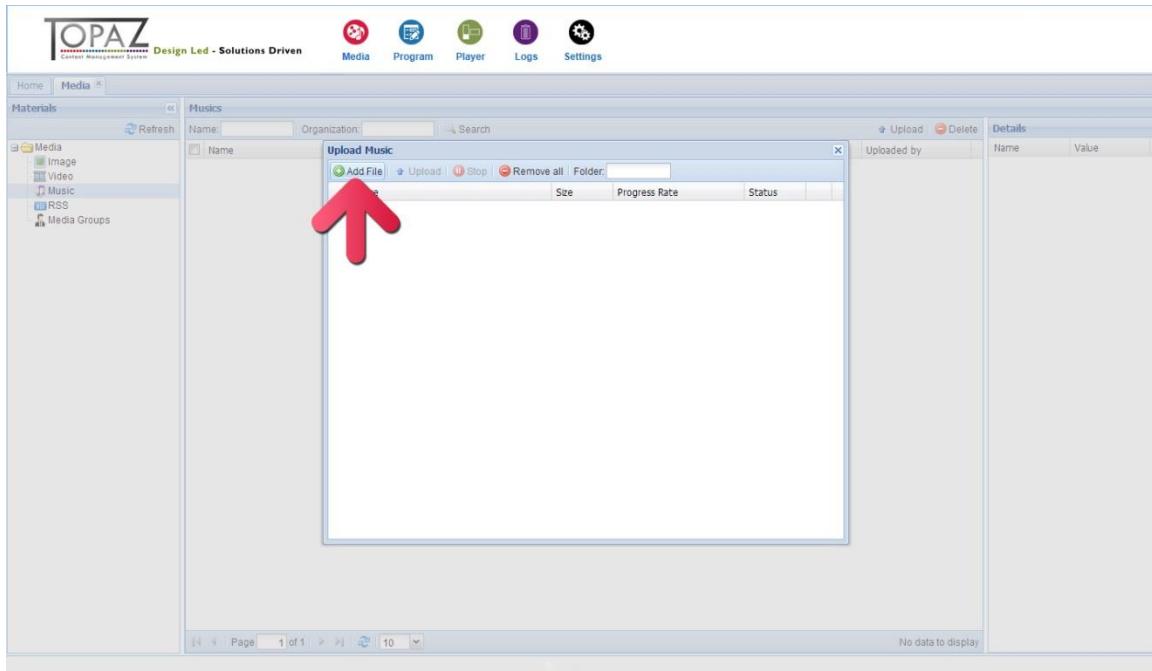
Begin by clicking on the “Media” icon on the Top Menu then click on “Music”.

The screenshot shows the TOPAZ CMS interface. At the top, there is a navigation bar with icons for Media, Program, Player, Logs, and Settings. Below this is a secondary navigation bar with Home and Media tabs, where 'Media' is selected. On the left, a sidebar titled 'Materials' lists categories: Media (selected), Image, Video, Music (highlighted with a red arrow), RSS, and Media Groups. The main content area is titled 'Musics' and contains a table with columns: Name, Size, Folder, Organization, Uploaded by, and Details. A search bar and filter options are at the top of the table. At the bottom, there are page navigation controls and a message 'No data to display'.

Then click on the “Upload” button.

This screenshot is similar to the previous one, showing the 'Media' menu and the 'Musics' list. However, a large red arrow points directly to the 'Upload' button located in the header of the 'Musics' table. The rest of the interface elements are identical to the first screenshot.

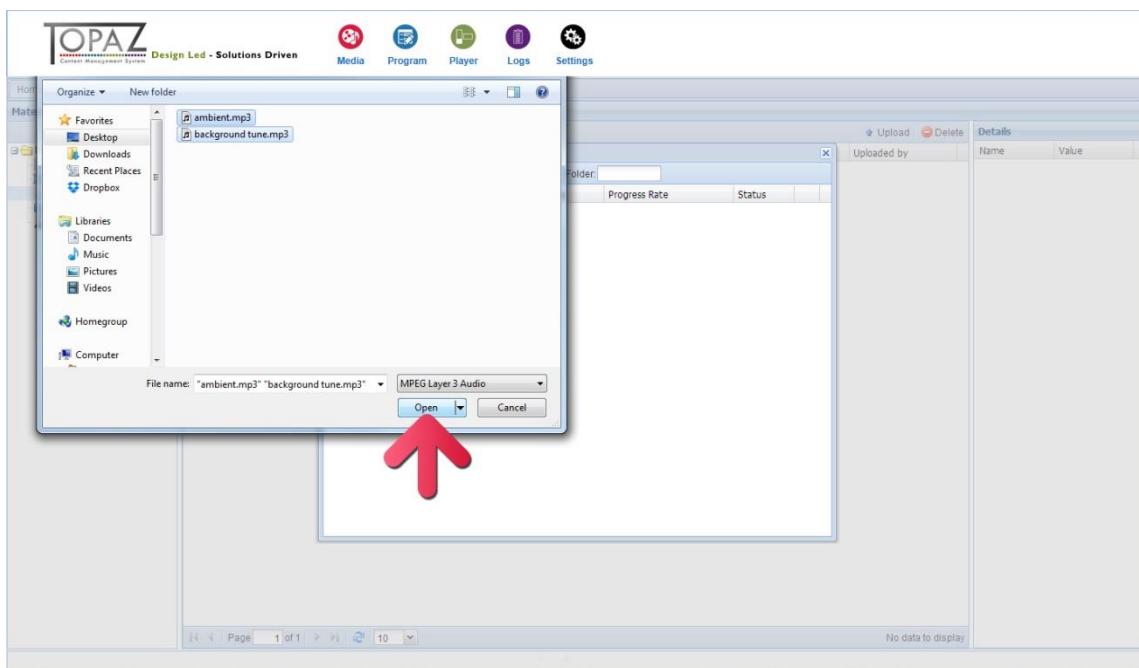
An upload box will now appear. To begin uploading files please click “Add Files”.



You can now browse through your files and select the music files you wish to upload.

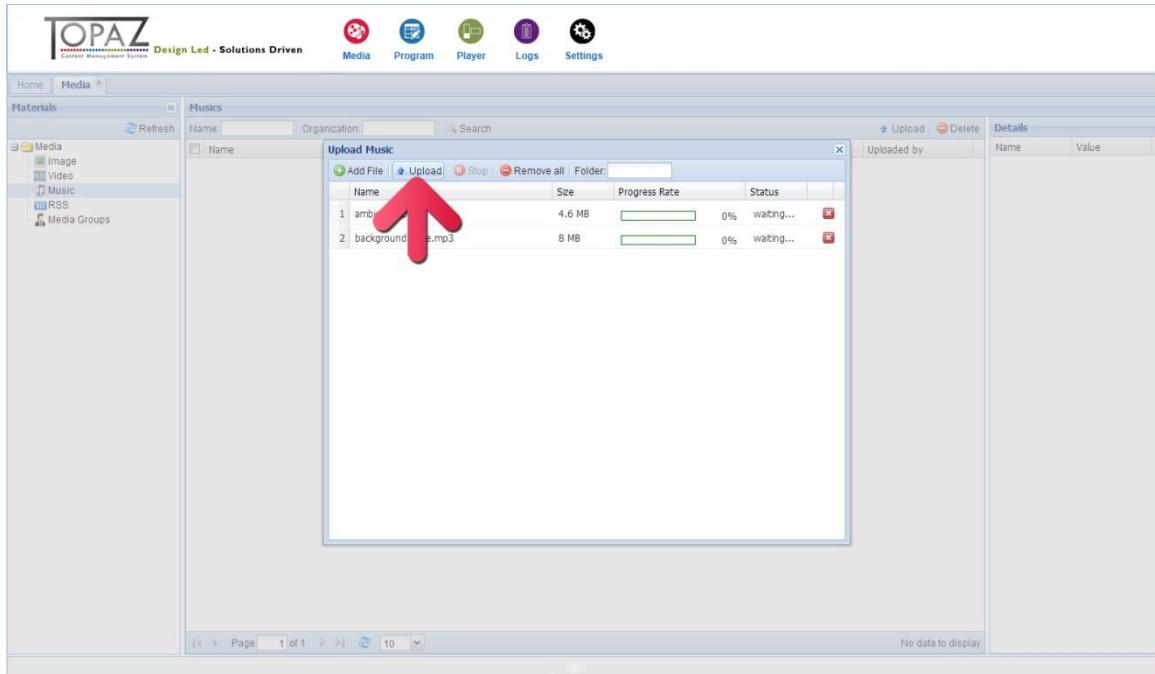
**NOTE: We recommend using MP3 files only.**

Once you have selected all the music files you wish to upload click “Open” in the browser window.

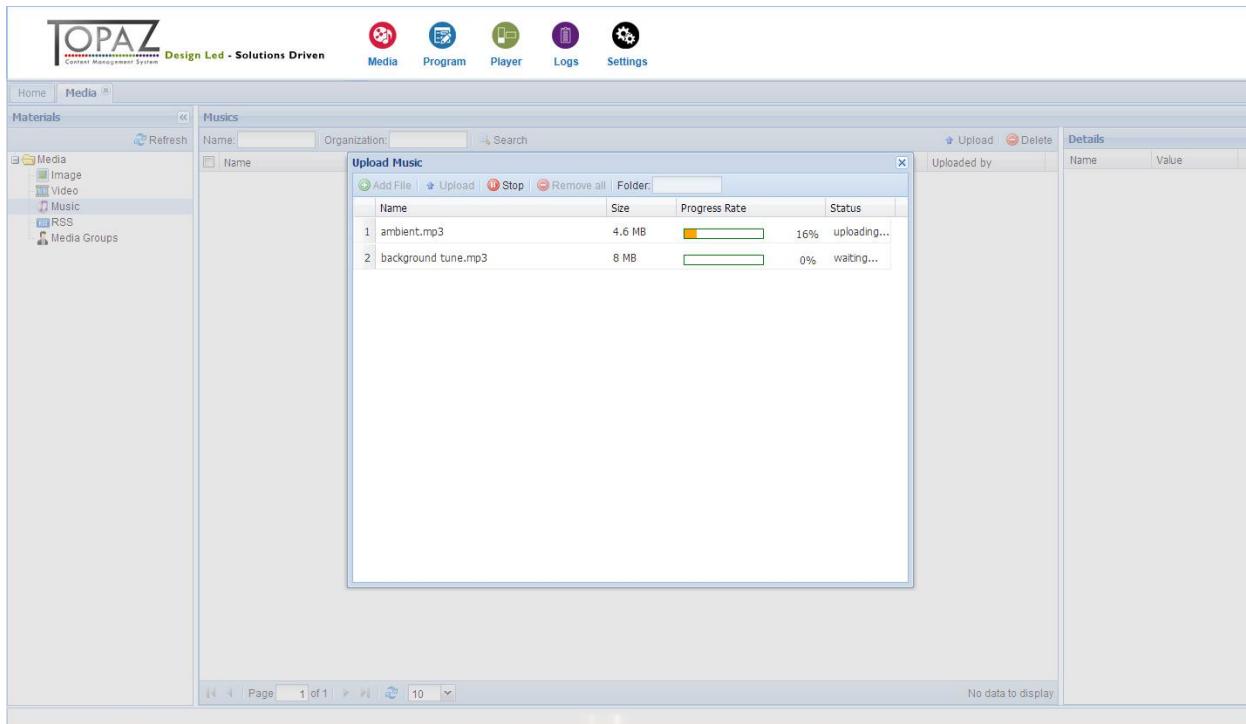


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You will now have a list of all the music files you selected to upload. Click the “Upload” button and wait until they have all finished uploading.



You will now see the “Progress Rate” bar expand until the files have completely uploaded.



You should now see a list of all the music files you have uploaded.

The screenshot shows the TOPAZ CMS interface with the 'Media' tab selected. On the left, there's a sidebar with 'Materials' and a 'Media' section containing 'Image', 'Video', 'Music', and 'RSS'. The main area is titled 'Musics' and lists two files: 'background tune.mp3' and 'ambient.mp3'. Each file has columns for Name, Size, Folder, Organization, and Uploaded by. Below the table are navigation buttons for page number and a note 'Displaying 1 - 2 of 2'.

If you want to know the details of any music file that you have uploaded (such as duration, the time and date it was uploaded or which user uploaded it) you can simply tick the check box next to the music file name.

This screenshot is similar to the one above, showing the 'Musics' list. A large red arrow points to the checkbox next to 'background tune.mp3'. To the right, a detailed 'Details' panel is open for this specific file, listing its properties: Name (background t...), Size (8.02MB), Duration (00:05:50), Uploaded by (user), Time Uploaded (2014-06-18 1...), Updated by (user), Update Time (2014-06-18 1...), Folder(\*), Organization (Company), and Remarks(\*).

## 2.1.4 RSS

Begin by clicking on the “Media” section of the Top Menu, then click on “RSS”.

The screenshot shows the TOPAZ CMS interface. The top navigation bar includes the TOPAZ logo, the slogan "Design Led - Solutions Driven", and links for Media, Program, Player, Logs, and Settings. The main menu on the left is titled "Materials" and lists "Media" (with sub-options Image, Video, Music, RSS), "RSS", and "Media Groups". The central content area is titled "RSS" and contains a search bar and a table with columns for Name, URL Address, Organization, Created By, and Update time. A message at the bottom right says "No data to display". A red arrow points to the "RSS" link in the left sidebar.

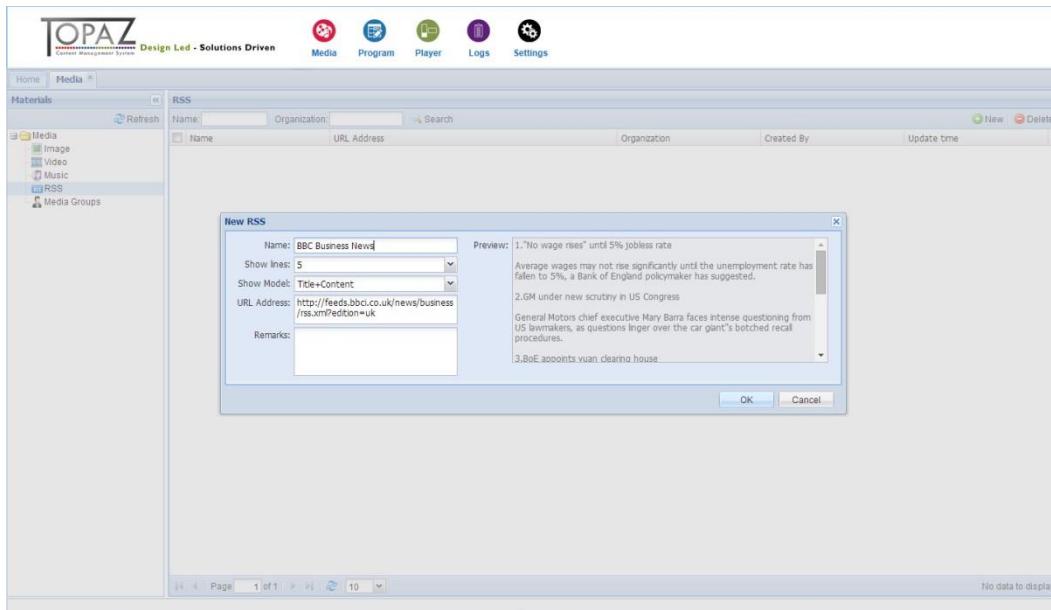
Next, click the “New” button.

This screenshot shows the same TOPAZ CMS interface as the previous one, but with a new entry in the RSS table. The "New" button in the top right corner of the table header has been clicked, and a red arrow points to it. The table now displays a single row with the following data:

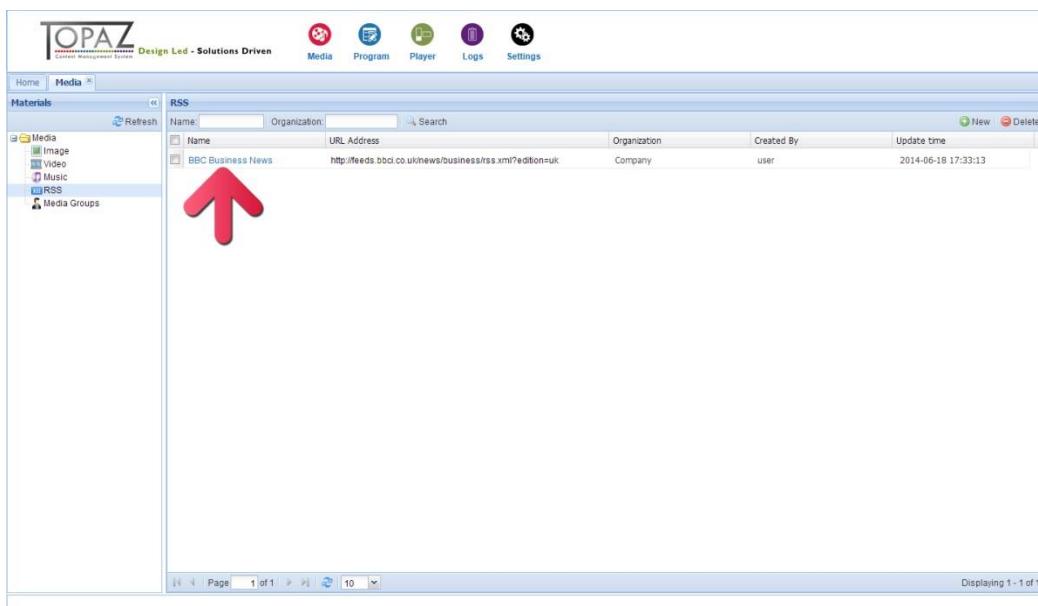
Name	URL Address	Organization	Created By	Update time

The message "No data to display" is still visible at the bottom right.

The first step is to name your RSS feed so as you can refer back to it later. Next you must set the “Show lines”, this is how many entries you wish to display, for example if you set this as “1” your screen will only display the last entry of the RSS feed. Next you must set the “Show model”, if you are displaying news for example you can choose between showing the headline on its own, the content on its own or both the headline and content. Most critically, you must enter the URL address of your RSS feed. When you are finished, click “OK”.



If you want to know the details of any RSS feed that you have created (such as Show lines, Show model, URL address, the time and date it was created or which user created it) you can simply click on the RSS feed title.



You will then see a summary of your RSS feed.

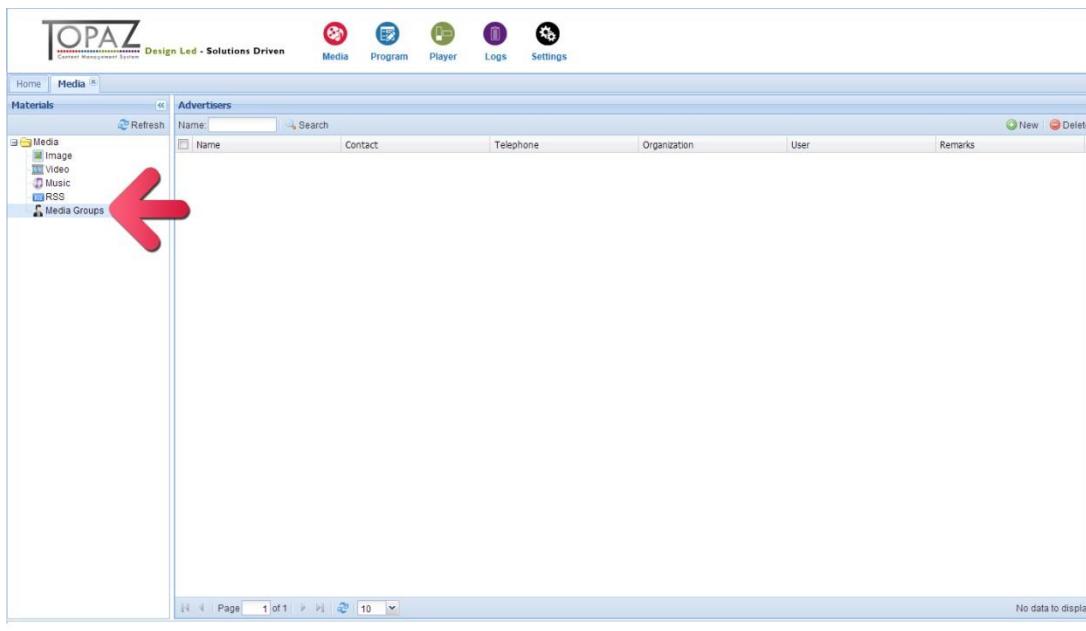
This screenshot shows the TOPAZ CMS interface. The top navigation bar includes links for Home, Media, Program, Player, Logs, and Settings. The main content area has tabs for Home and Media. The Media tab is selected, showing a sidebar with options for Media (Image, Video, Music, RSS), Media Groups, and a Refresh button. The main panel displays an 'RSS' section with a table listing a single entry: BBC Business News. The table columns are Name, URL Address, Organization, Created By, and Update time. Below the table is a 'Modify RSS' dialog box. The dialog box contains fields for Name (BBC Business News), Show lines (5), Show Model (Title+Content), and URL Address (http://feeds.bbci.co.uk/news/business/rss.xml?edition=uk). The Preview section shows three news items from the BBC Business News feed. At the bottom of the dialog are OK and Cancel buttons.

This screenshot shows the TOPAZ CMS interface. The top navigation bar includes links for Home, Media, Program, Player, Logs, and Settings. The main content area has tabs for Home and Media. The Media tab is selected, showing a sidebar with options for Media (Image, Video, Music, RSS), Media Groups, and a Refresh button. A large red arrow points to the 'RSS' option in the sidebar. The main panel displays an 'Advertisers' section with a table header: Name, Contact, Telephone, Organization, User, and Remarks. Below the table, a message states 'No data to display'. At the bottom are navigation buttons for Page, 1 of 1, and a page number input field set to 10.

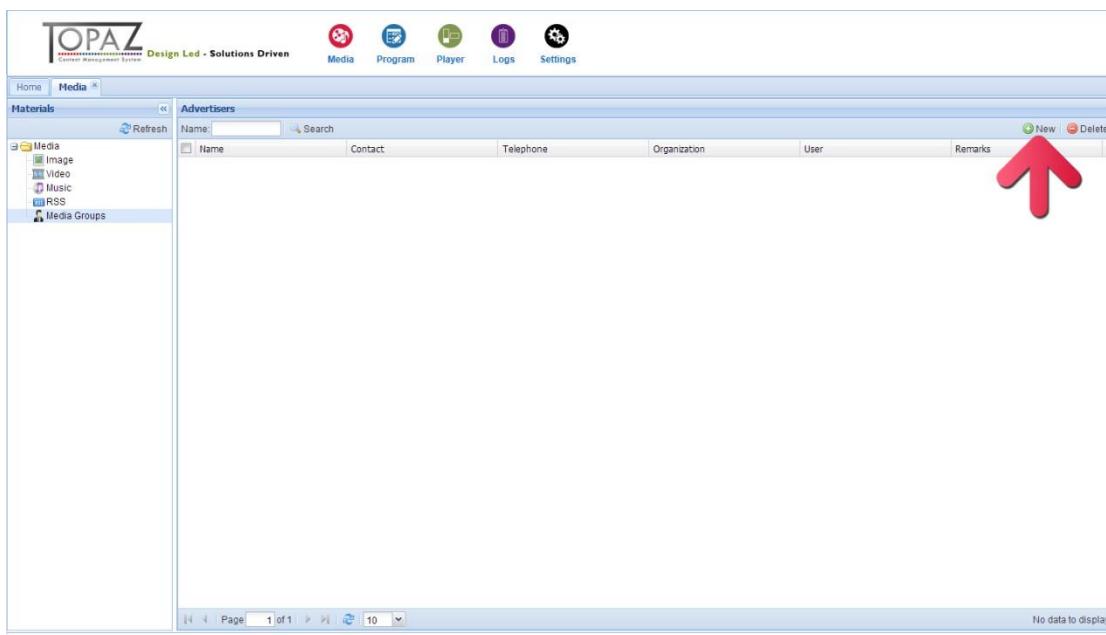
## 2.1.5 Media Groups

If you are managing content for a number of clients you may wish to group their media together. This will make it easier to access the correct files later on when creating layouts.

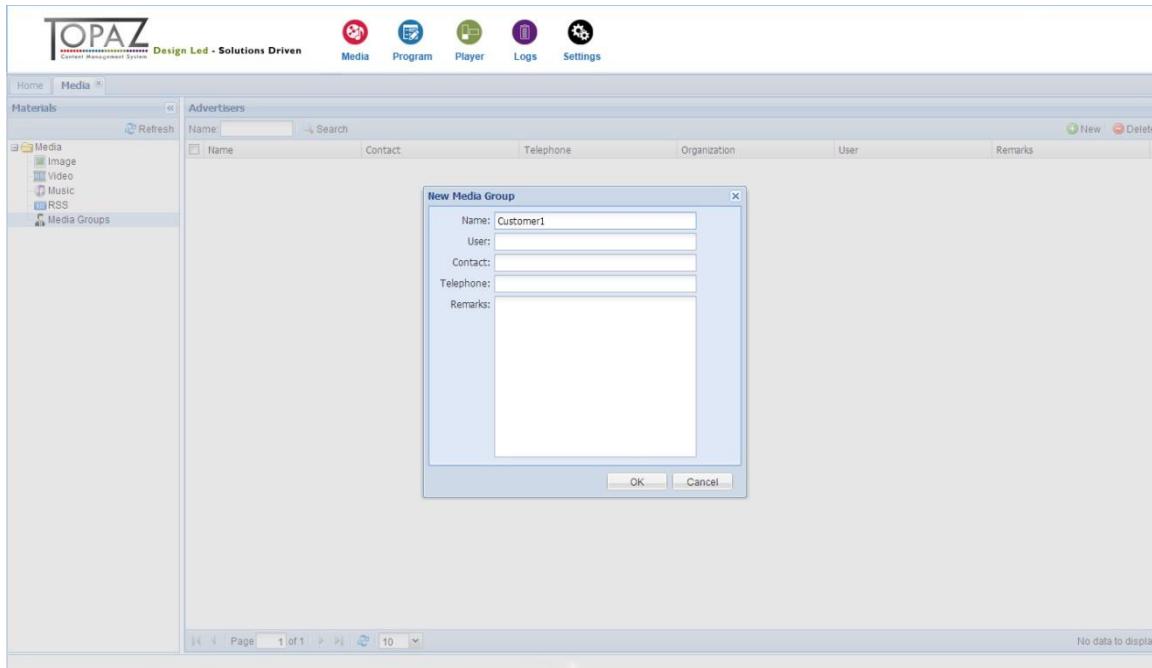
Begin by clicking on the “Media” icon on the Top Menu then click on “Media Groups”.



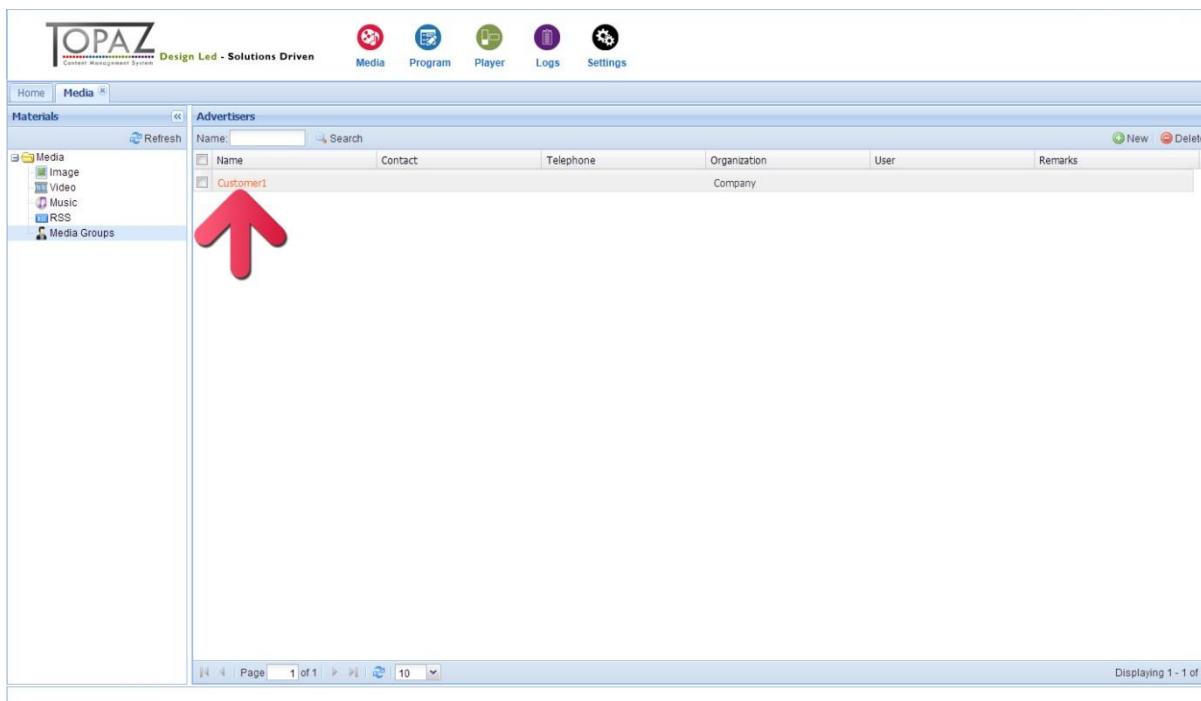
Next, click the “New” button.



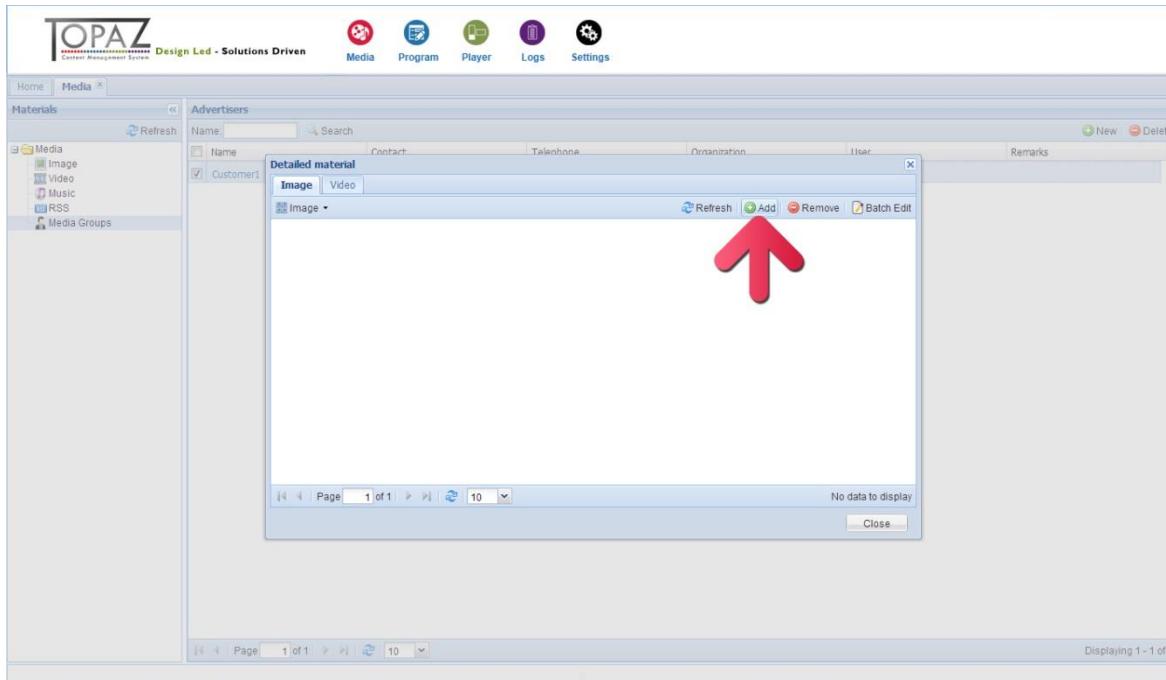
Next, give your Group a name. You can also add a contact name and telephone number for your client. When you are finished, click “OK”.



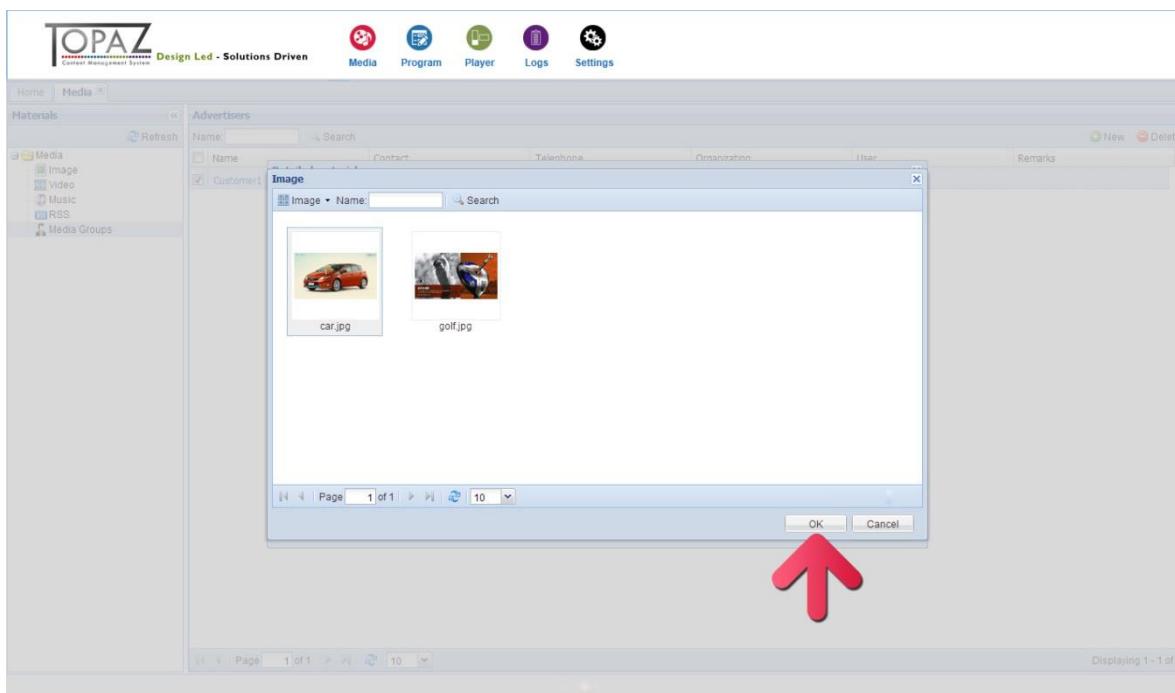
Next, click on the title of your Group to start adding media to it.



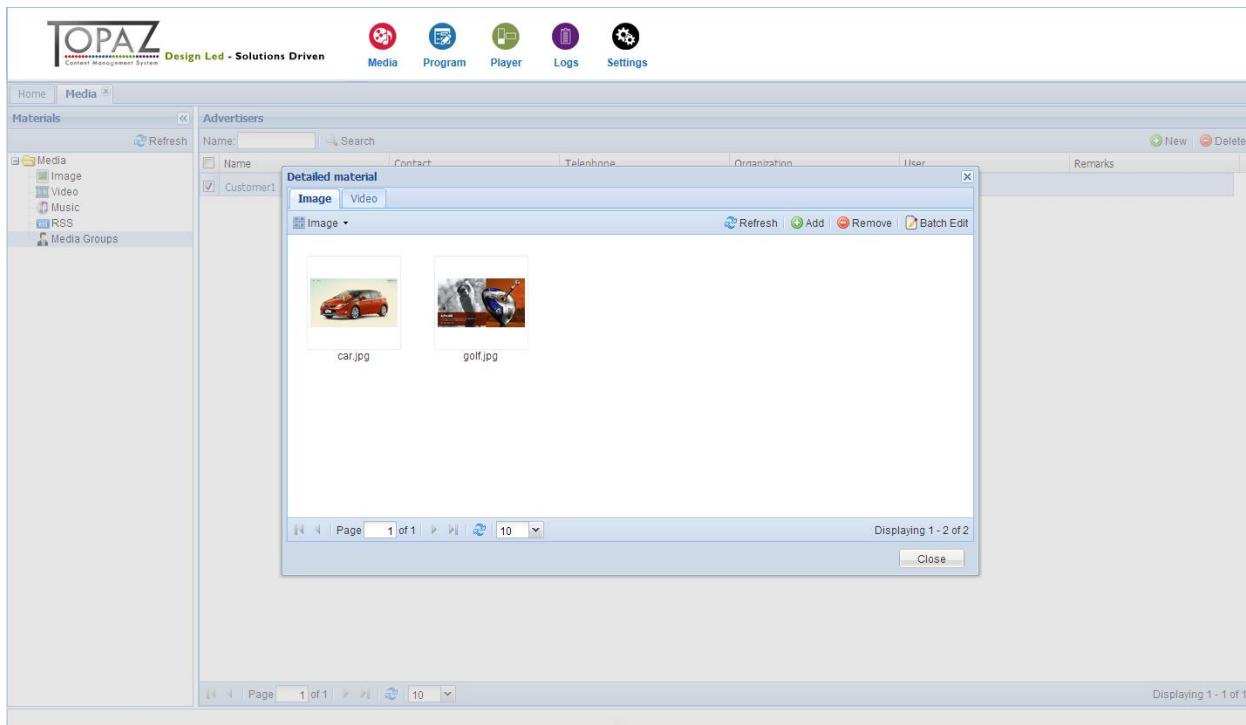
To add images make sure the “Image” tab is highlighted then click the “Add” button.



From the images that you have already uploaded select the ones that you wish to add to the Group, and then click “OK”.



These images will now be added to your Group.



To add videos, complete the same steps with the “Video” tab highlighted.

### 2.1.6 Supported Media Files

Media Type	Supported File Type
Image	JPG, BMP, PNG, GIF
Video	MPG, AVI, MP4, TS

I. This unit does NOT support WMV or FLV video file types.

**NOTE: Video and image files should be a maximum of 1920x1080 resolution (for Landscape screens) and be a maximum of 1080x1920 resolution (for Portrait screens).**

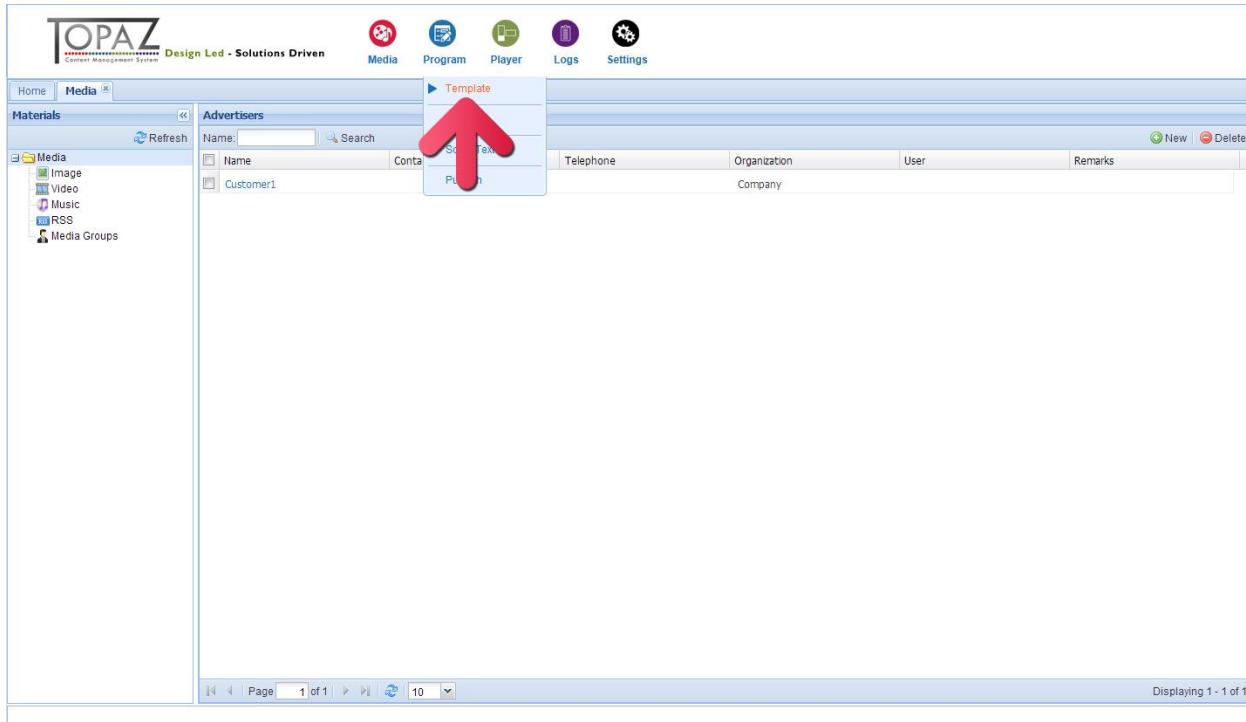
## 2.2 Program

Here is where you control the content that is sent to each screen, how it looks and when it will display. You must first create your Template(s) to structure the layout of your content zones then use Playlists to assign media to your zones. You can then schedule these to play whenever you like. You can also use the Message or Break functions override any current or scheduled content if you need to broadcast anything that is time sensitive.

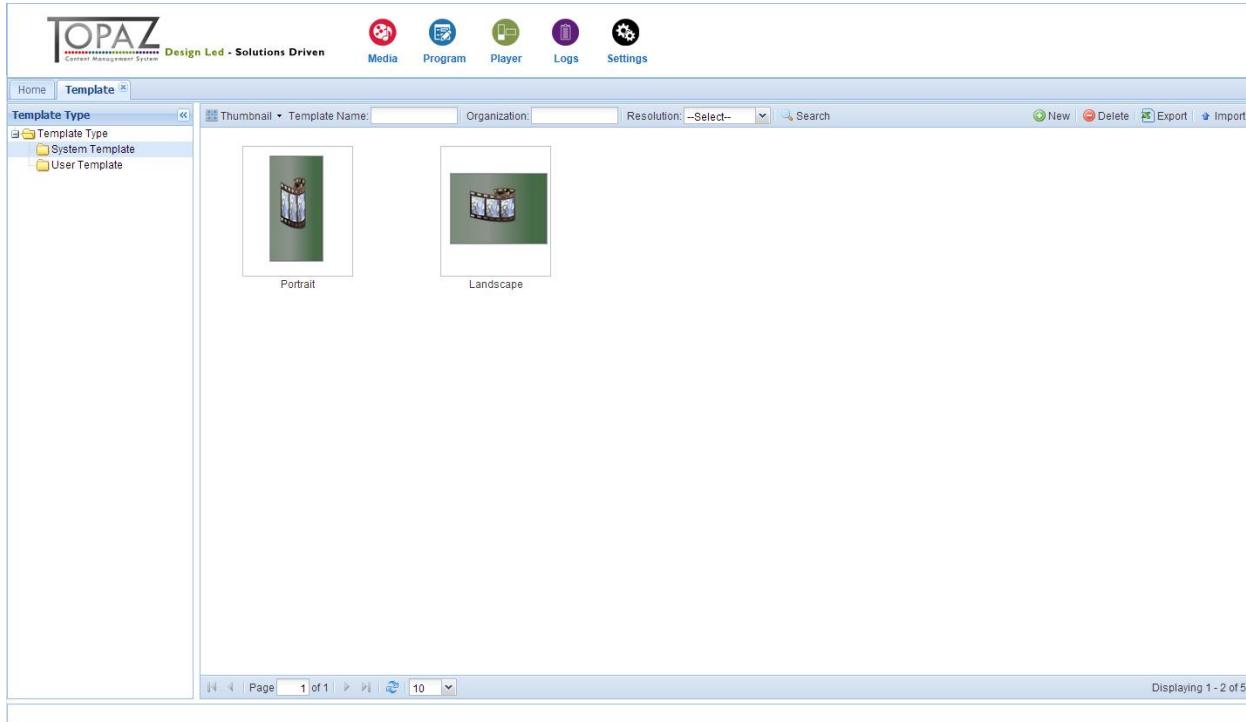
### 2.2.1 Template

There are two plain pre-developed Templates that you can use to display your content or you can make your own. If you are making your own you can combine images, videos and scrolling text (RSS or plain text) into one layout.

Begin by hovering over the “Program” icon on the Top Menu then click on “Template”.



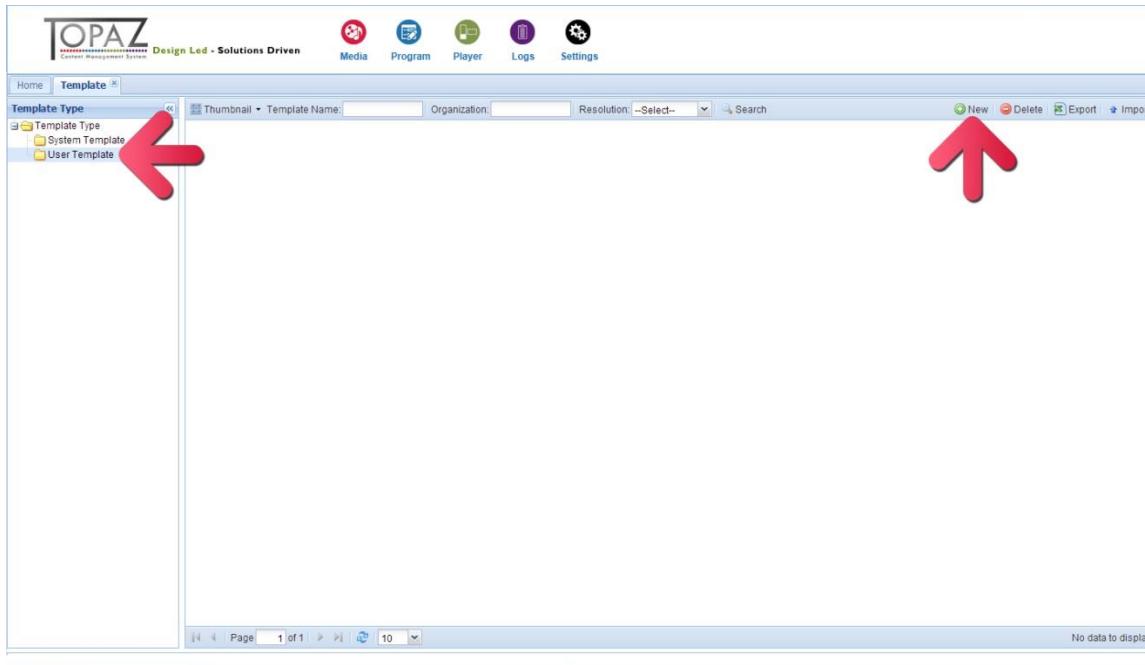
You should now see two pre-developed Templates under the “System Template” section.



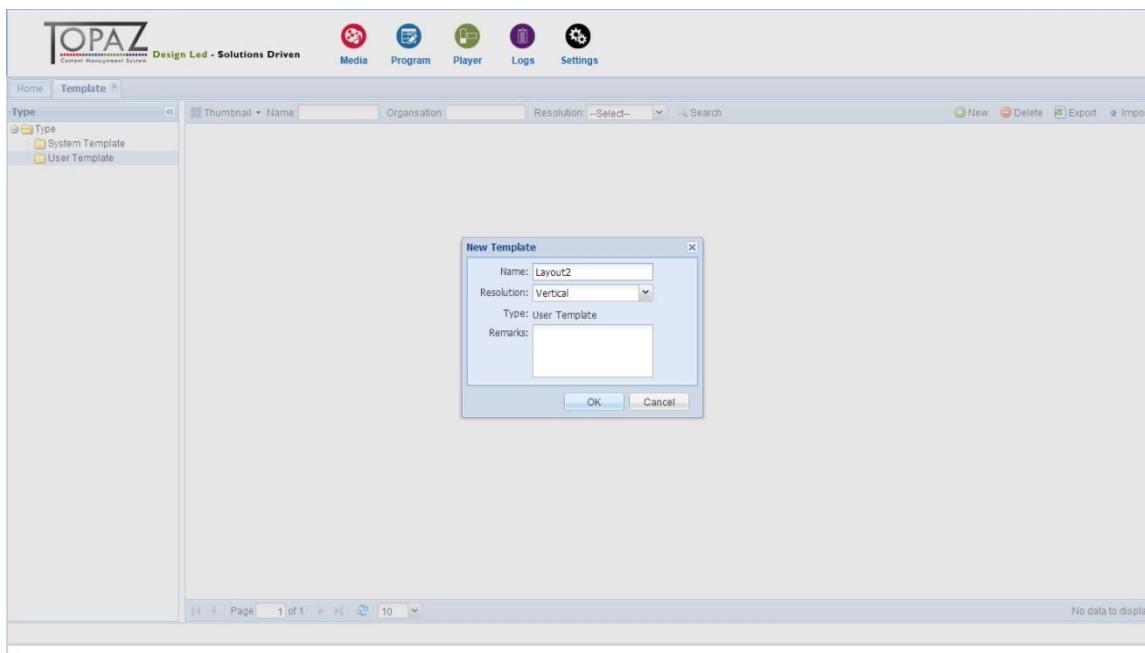
If you only wish to have one video or image displayed at one time then these Templates are all you need. However if you wish to create different zones for different media, add scrolling text or RSS feeds, add a logo or add the time and date you must create your own Templates.

The following example is for a Template that includes all of the elements that you can select and is for demonstration purposes only. None of the elements are essential and as long as you have at least one video zone (which can also house images) the Template will function.

To create your own Template, begin by clicking “User Template” and then clicking the “New” button.

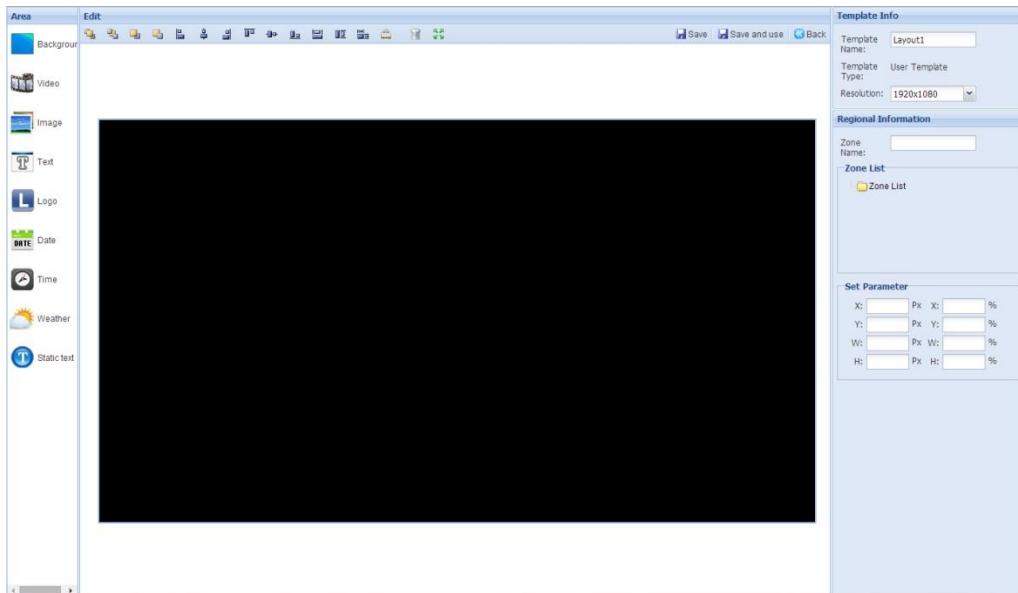


A “New Template” box will now appear. Give your Template a name and choose a resolution. If you are creating a Portrait Template then select “Vertical”, if you are creating a landscape Template then select “Horizontal”. Once you have done this click “OK”.



**NOTE: Please ensure that the resolution of your Template matches “Screen Mode” that has been set on your screens.**

You will now see a Template design interface and can begin laying out the different zones for your media.

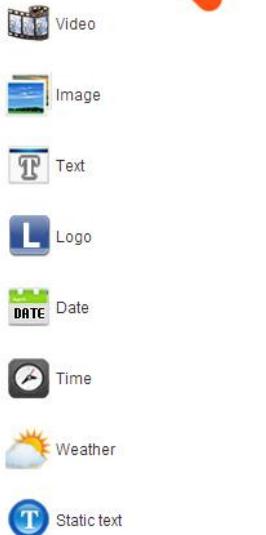


## Background

Your Template can have a background that you can see underneath and between the media zones. It can either be a previously uploaded image or a colour. This is not an essential element but can be used to give your content corporate branding. Whether you want an image or a colour as your background, begin by clicking the “Background” option from the interface’s side menu.

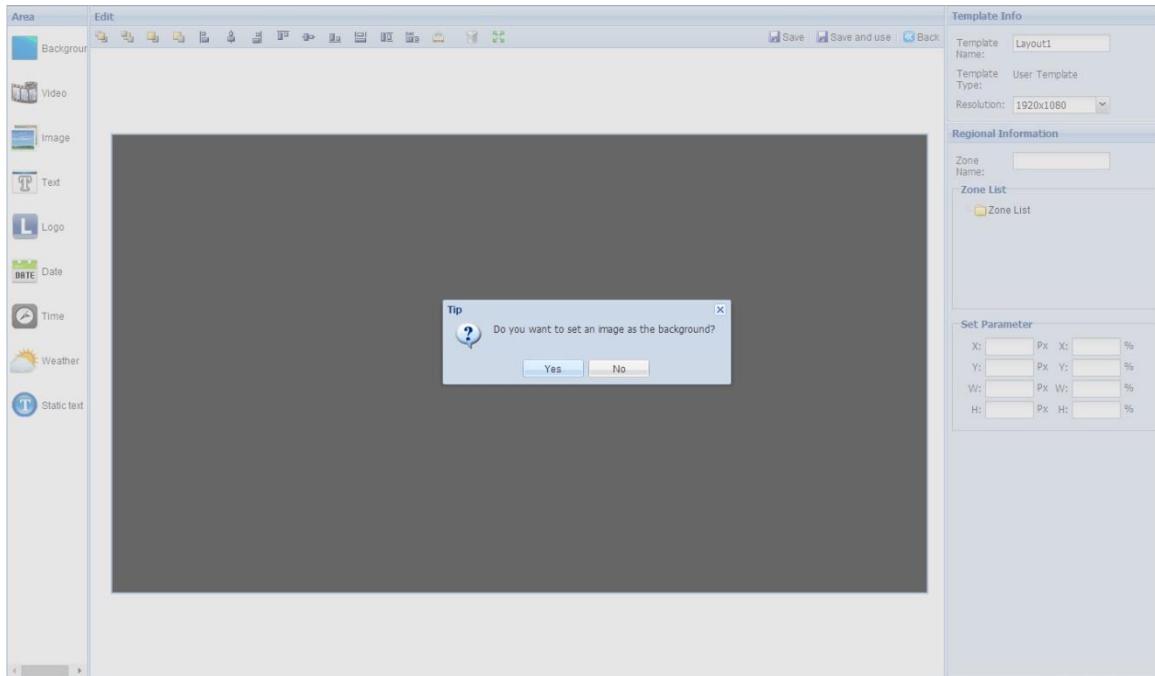


Background

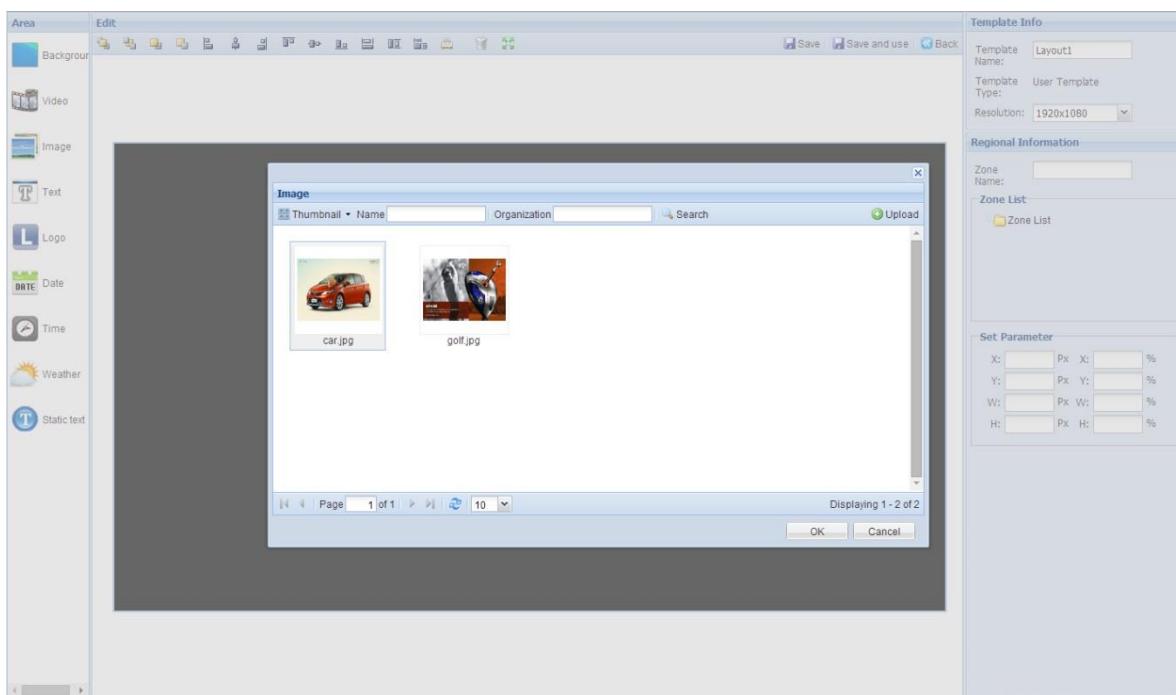


## Setting an image as a background

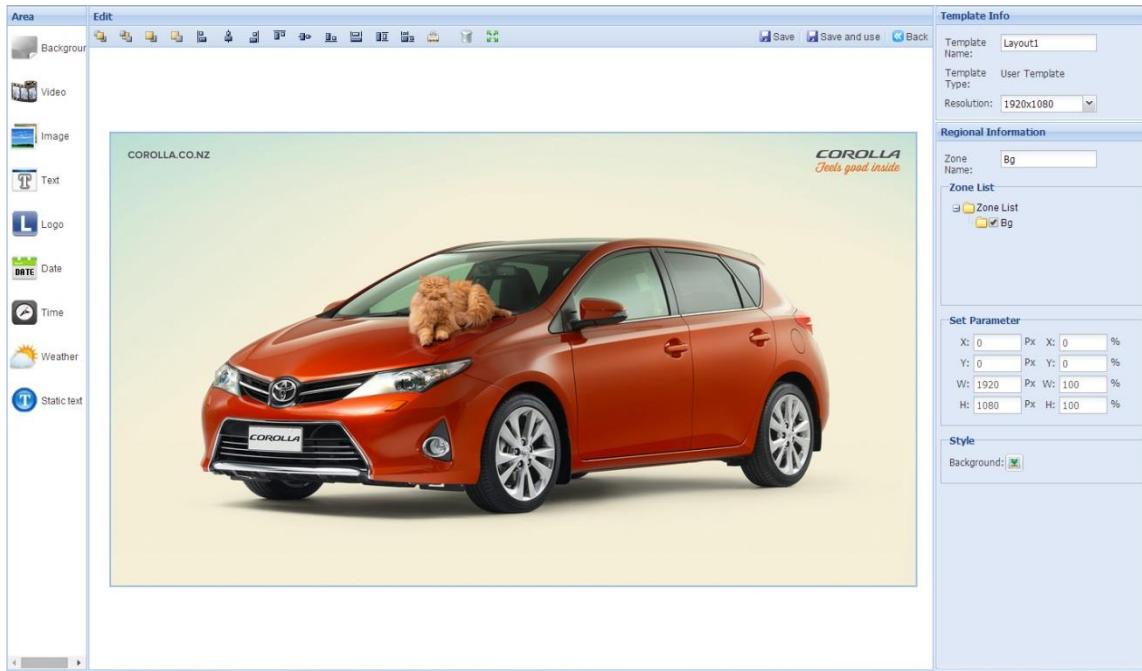
Once you have clicked on the “Background” option from the interface’s side menu a message will appear asking if you wish to set an image as a background.



If you click “Yes” you will be redirected to your list of uploaded images. To upload your background image to this list please see section 2.1.1 for instructions.



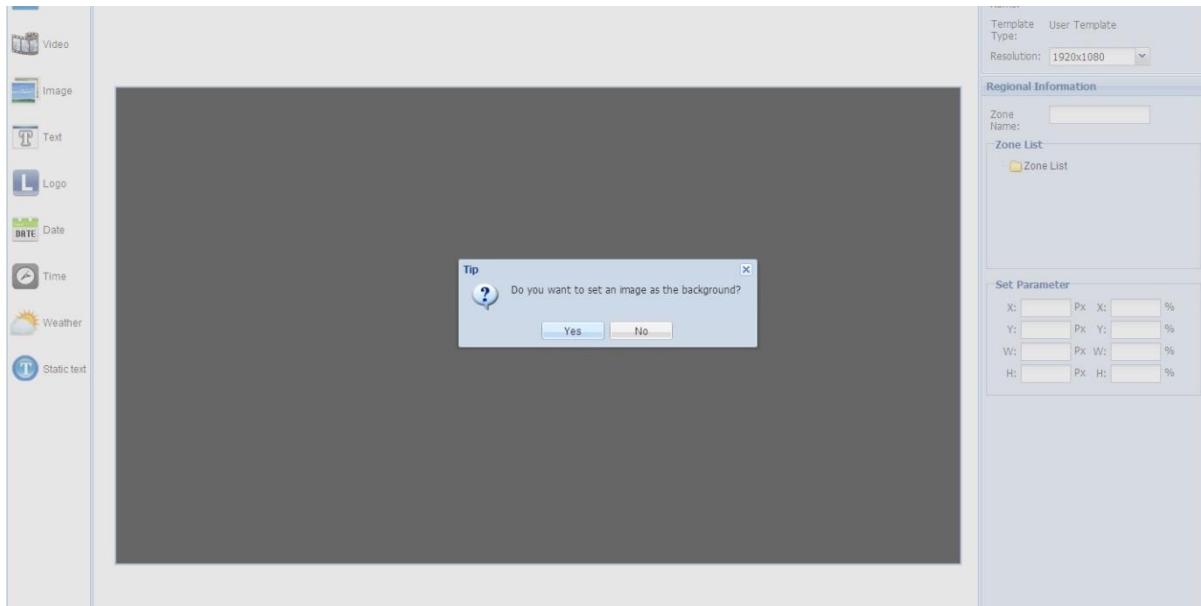
Next, select the image you wish to use as your background and then click “OK”.



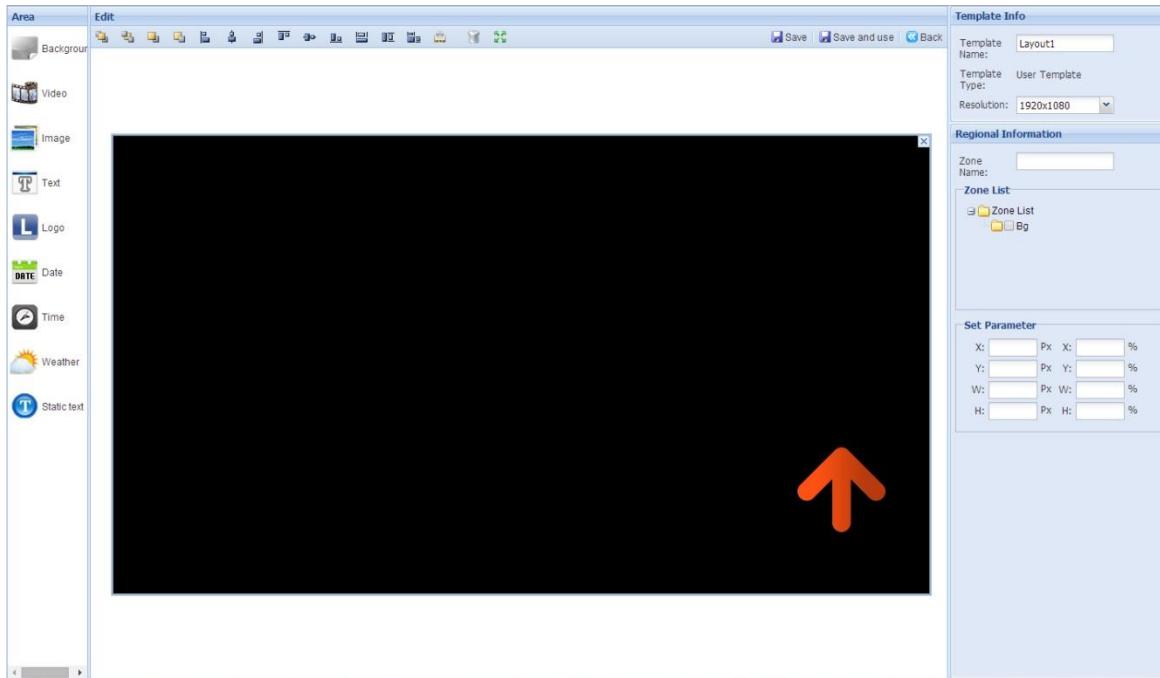
Your image will now appear as your background, you can now add media zones on top of this.

### Setting an colour as a background

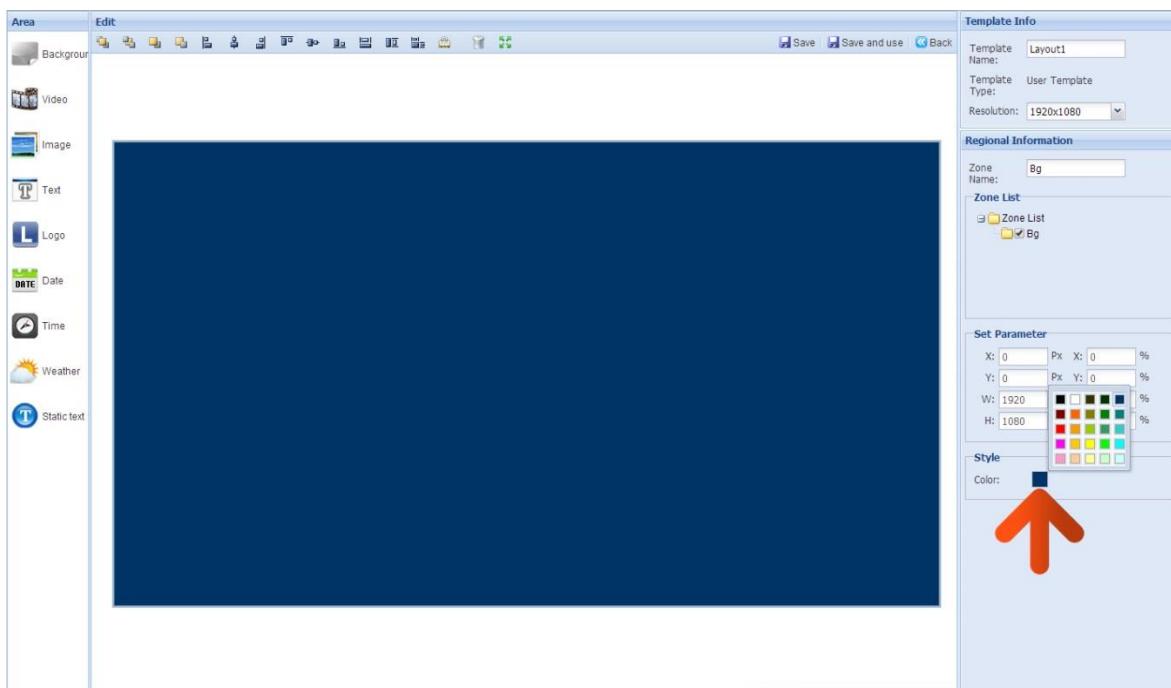
Once you have clicked on the “Background” option from the interface’s side menu a message will appear asking if you wish to set an image as a background.



If you click “No” and then click anywhere on your Template preview, a colour option will appear.



Now click the colour dropdown box and a colour palette should appear.



You can select a colour from one of the samples or choose your own by entering a HEX colour code. Once you are happy with your background colour you can move on to the next step of adding media zones.

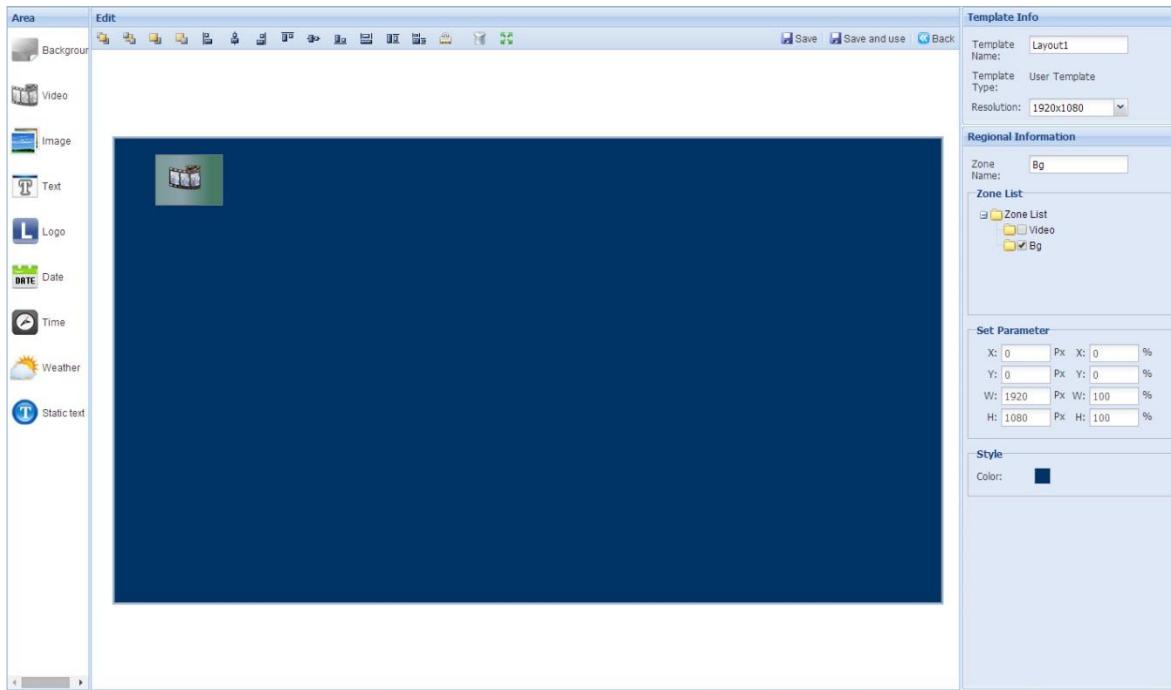
## Video

**NOTE: Your Template must include a video zone; these can display either videos or images. Video, image and static text zones cannot overlap.**

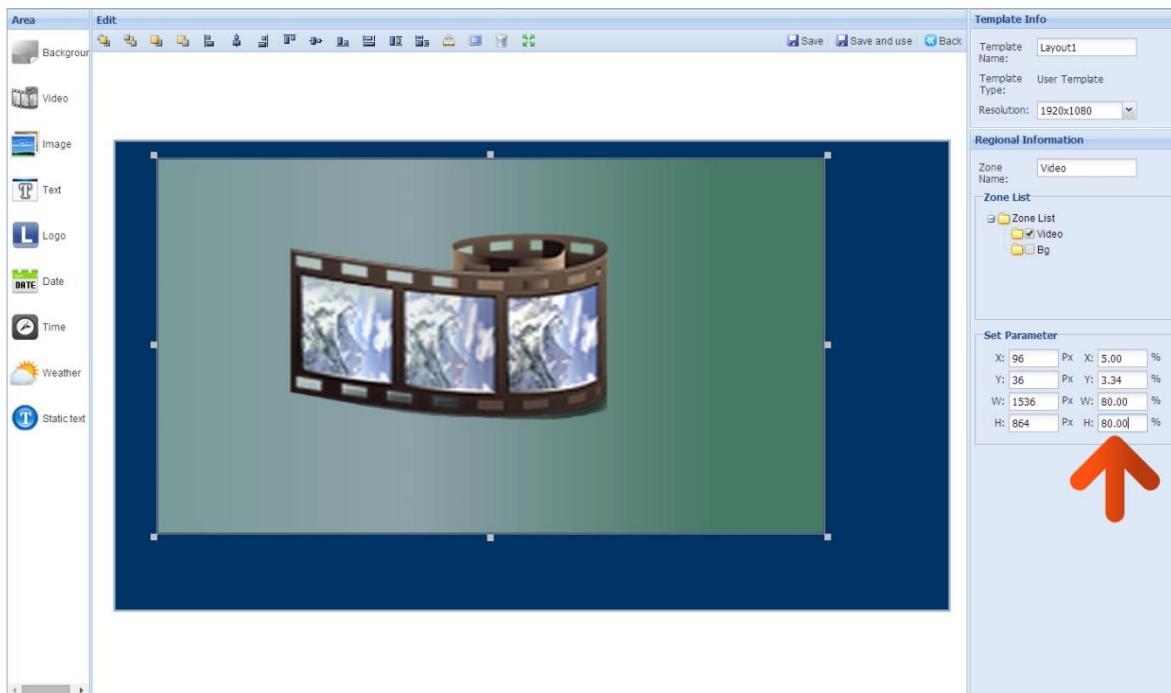
You can only have one video zone per Template; this is to avoid complicated content with conflicting motion and sound. Video zones can display both video and image files. You can set these zones to any size you require. Begin by clicking on the “Video” option from the interface’s side menu.



Once you have clicked on the “Video” option from the interface’s side menu a media zone will appear in your Template preview.



Your next step is to size and position your video zone. You can do this manually by clicking on the zone and dragging out the frame handles. You can also size and position your zones more accurately by entering values into the input area on the right hand side of the interface.



In this example the video zone has been resized, both vertically and horizontally, to 80% of the total layout. As long as the video has an aspect ratio of 16:9 (like the screen) it will display without any distortion. The position of the zone can also be inputted here, either in pixels or percentage of the overall Template.

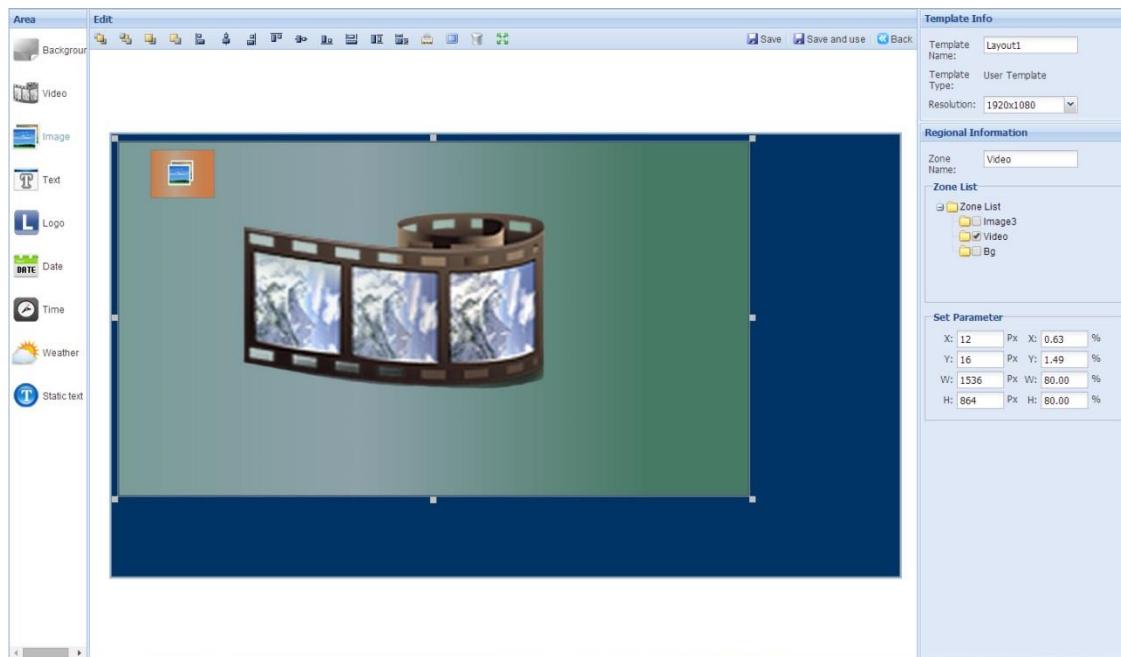
To delete this, or any, zone at any time simply right-click with your mouse and click “Delete” or click the cross in the top right hand corner of the zone.

## Image

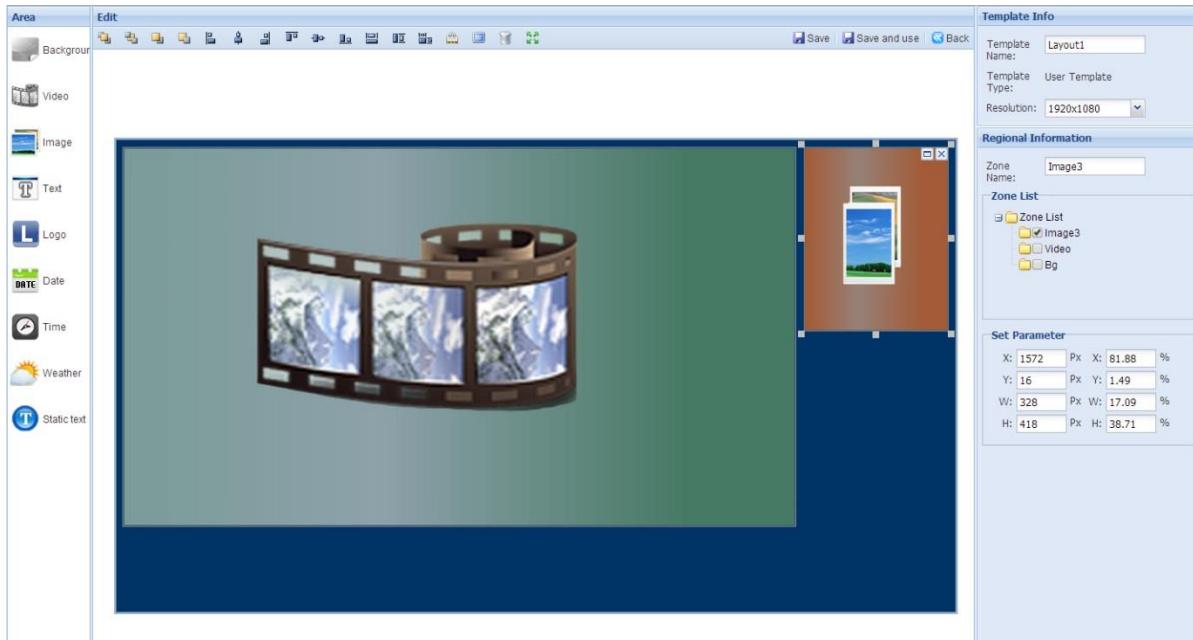
You can add up to four image zones per Template. You can set these zones to any size you require. Begin by clicking on the “Image” option from the interface’s side menu.



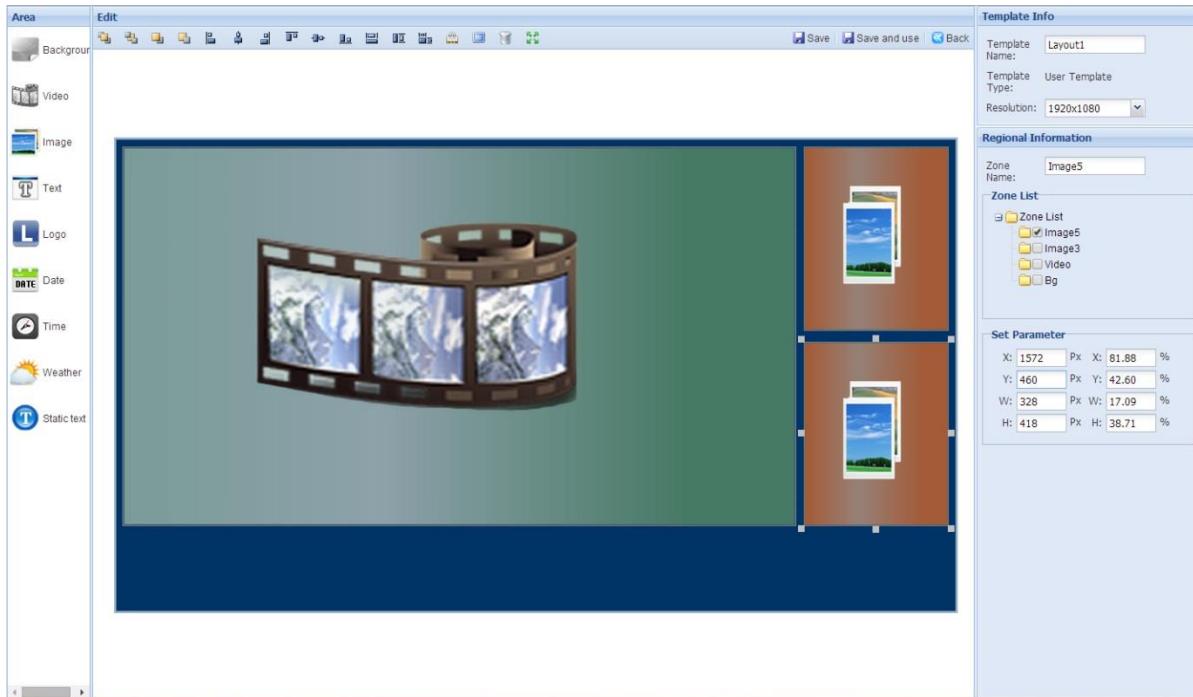
Once you have clicked on the “Image” option from the interface’s side menu a new media zone will appear in your Template preview.



You can resize and position your image zones in the same way as your video zones. You can do this manually by clicking on the zone and dragging out the frame handles. You can also size and position your zones more accurately by entering values into the input area on the right hand side of the interface.



Once you are happy with your first image zone you can add another by clicking on the “Image” option of the interface’s side menu. You can resize and position this in the same way.

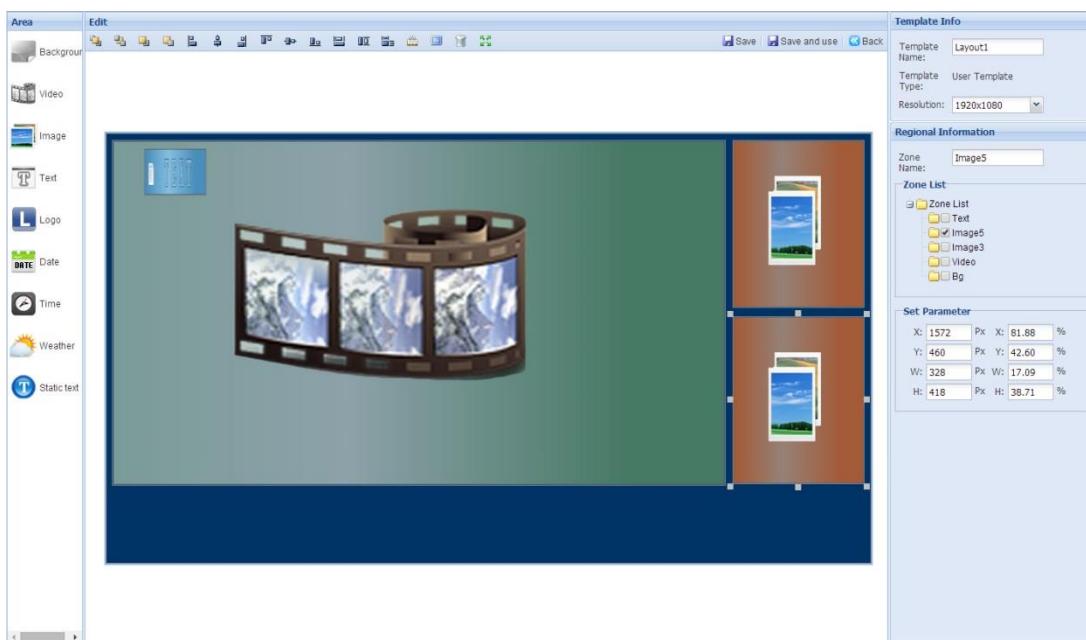


### Scrolling Text and RSS Feeds

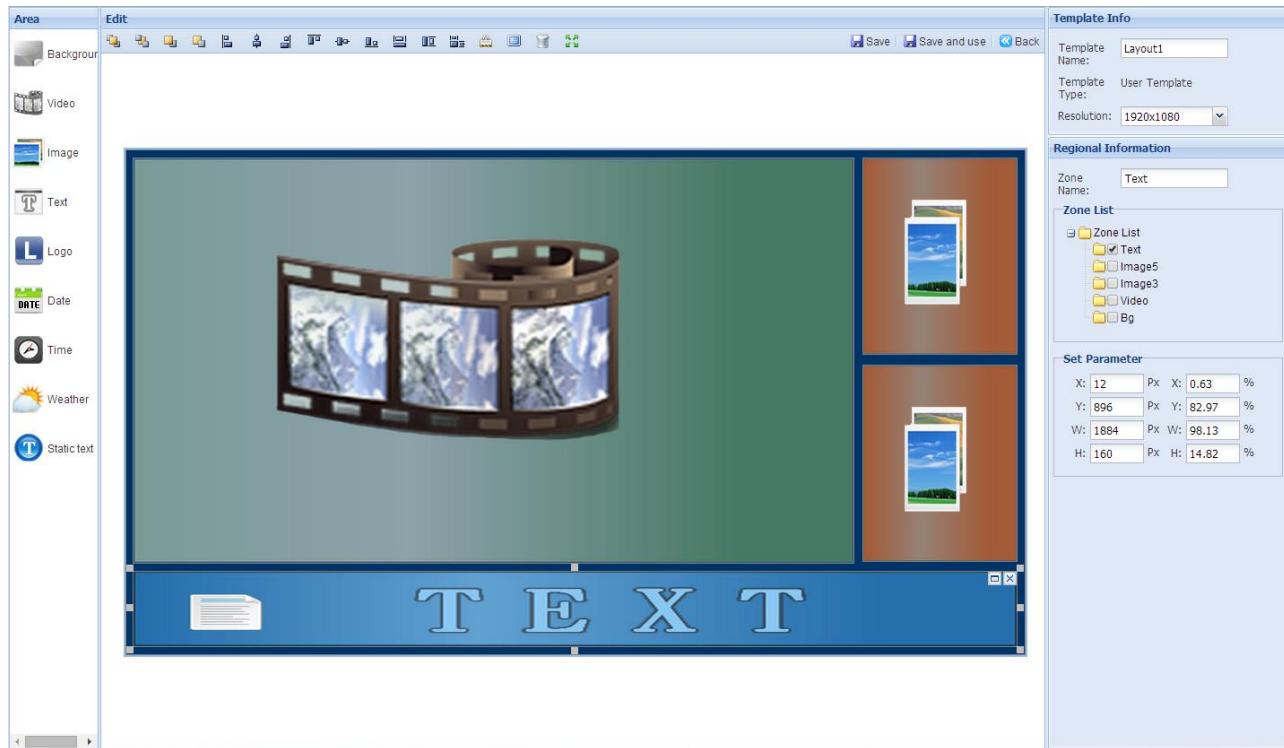
You can add one scrolling text or RSS feed area to your Template. You can set this zone to any size you require, with text scrolling in any direction you like (this is set at a later stage). Begin by clicking on the “Text” option from the interface’s side menu.



Once you have clicked on the “Text” option from the interface’s side menu a new media zone will appear in your Template preview.



You can resize and position your scrolling text zone in the same way as your video and image zones. You can do this manually by clicking on the zone and dragging out the frame handles. You can also size and position your zones more accurately by entering values into the input area on the right hand side of the interface.

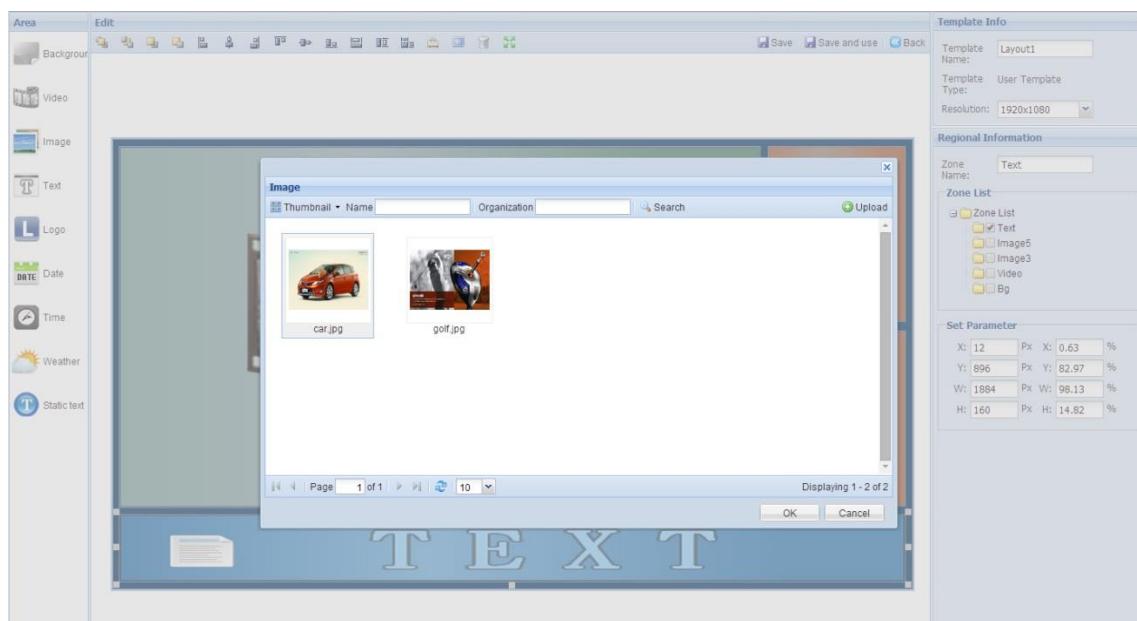


## Logo

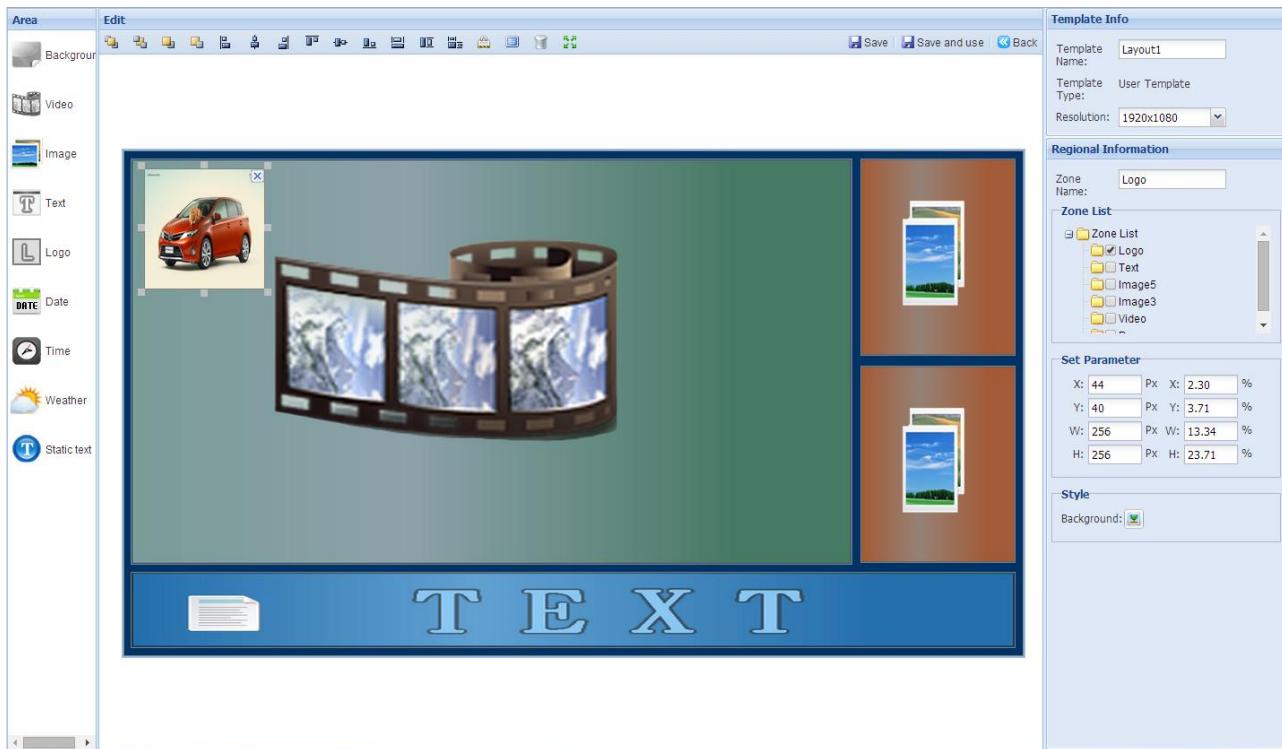
In addition to your other zones you can add one logo area to your Template. This zone has a size restriction, with a maximum of 256x256 pixels. It is ideal for branding as it will stay on top of all of your other zones meaning it will always be seen. Begin by clicking on the “Logo” option from the interface’s side menu.



Once you have clicked on the “Logo” option from the interface’s side menu you will be redirected to your list of uploaded images. To upload your logo image to this list please see section 2.2.1 for instructions on how to do so.



Next, select the image you wish to use as your logo and then click “OK”.



Your image will now appear as your logo, you can now set the size based on the original file dimensions.

### Time and Date

In addition to your media zones you can add the time and date to your Template. These zones cannot be resized however you can set the style, colour and font size of both. These zones will also stay on top of all of your other zones meaning it will always be seen. To add a date display to your Template, begin by clicking on the “Date” option from the interface’s side menu.

←

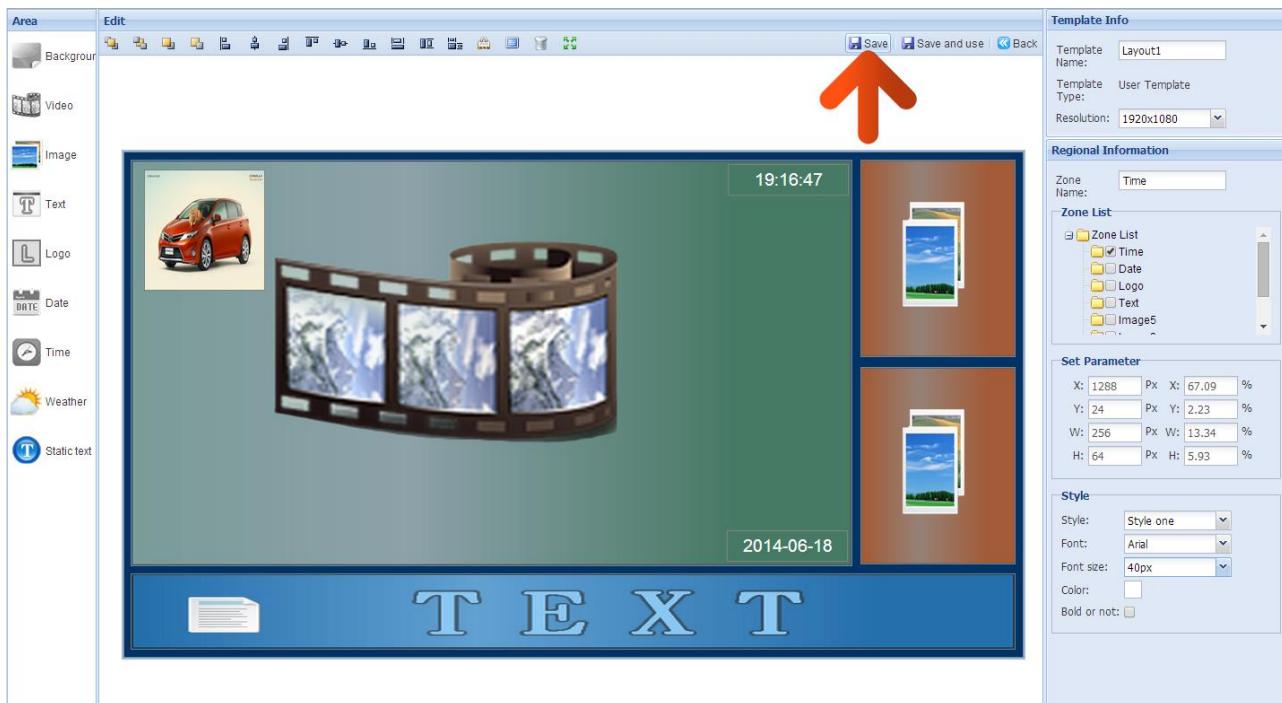
A new zone containing the date will now appear, please reposition this where you want the date to appear on your Template.

To add a time display to your Template, begin by clicking on the “Time” option from the interface’s side menu.

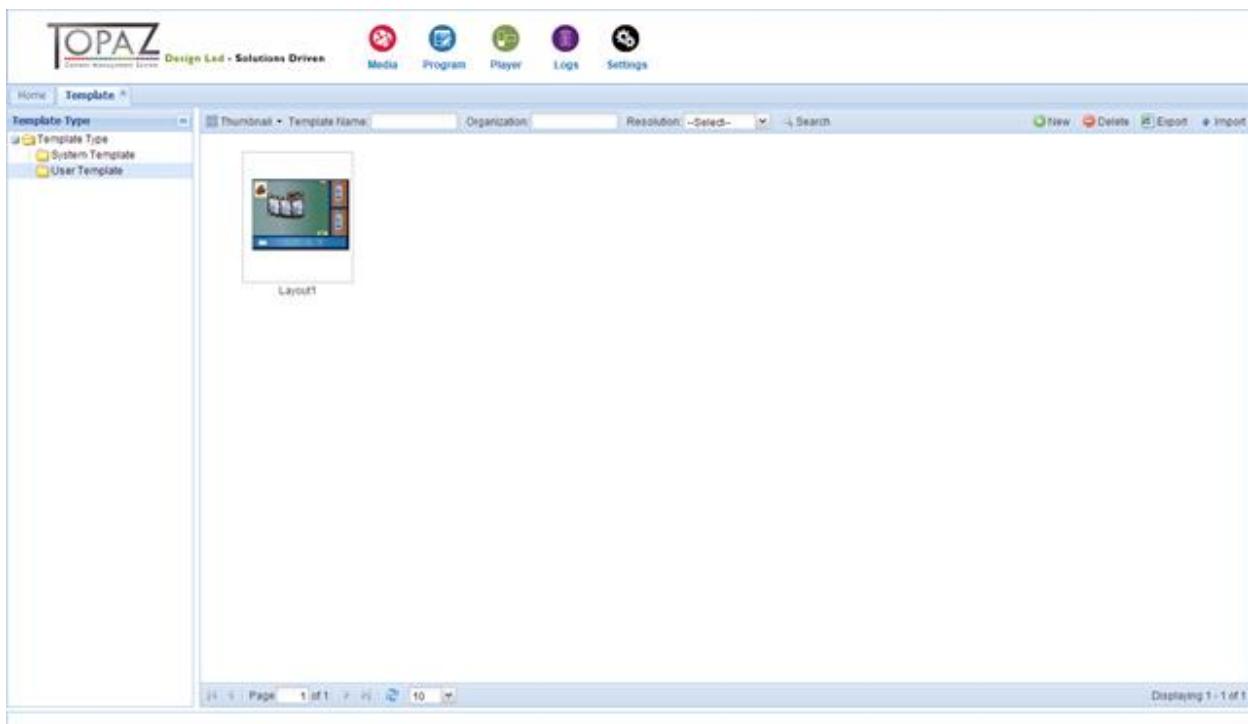


A new zone containing the time will now appear, please reposition this where you want the time to appear on your Template.

Once you have finished adding all of the media zones that you want to include, you can now save your Template by clicking the “Save” button.



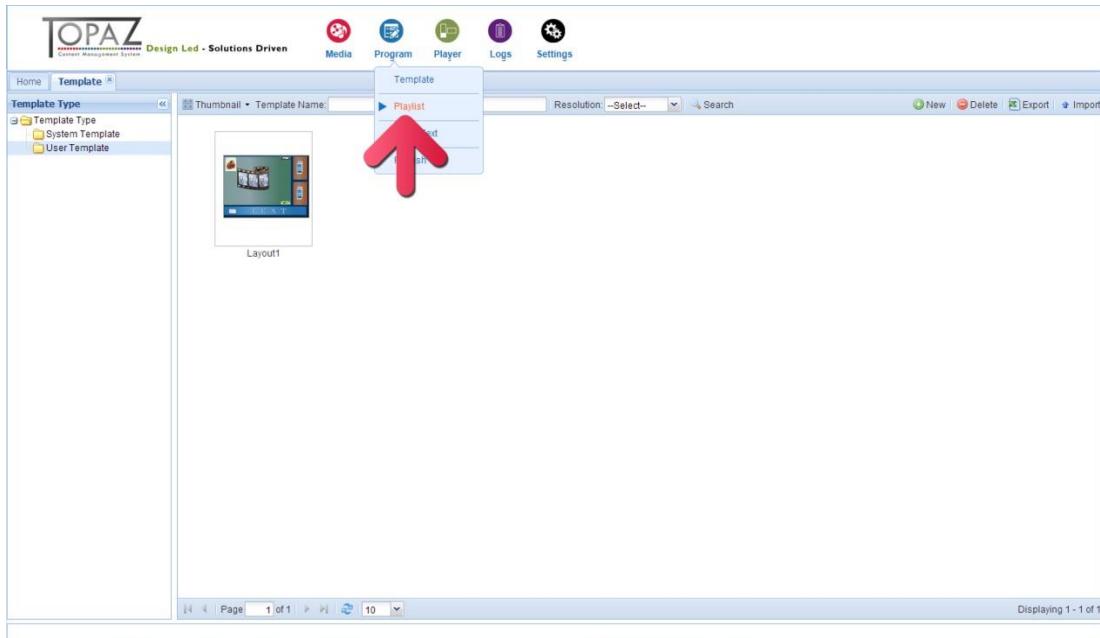
You will now see a list of the Templates you have created.



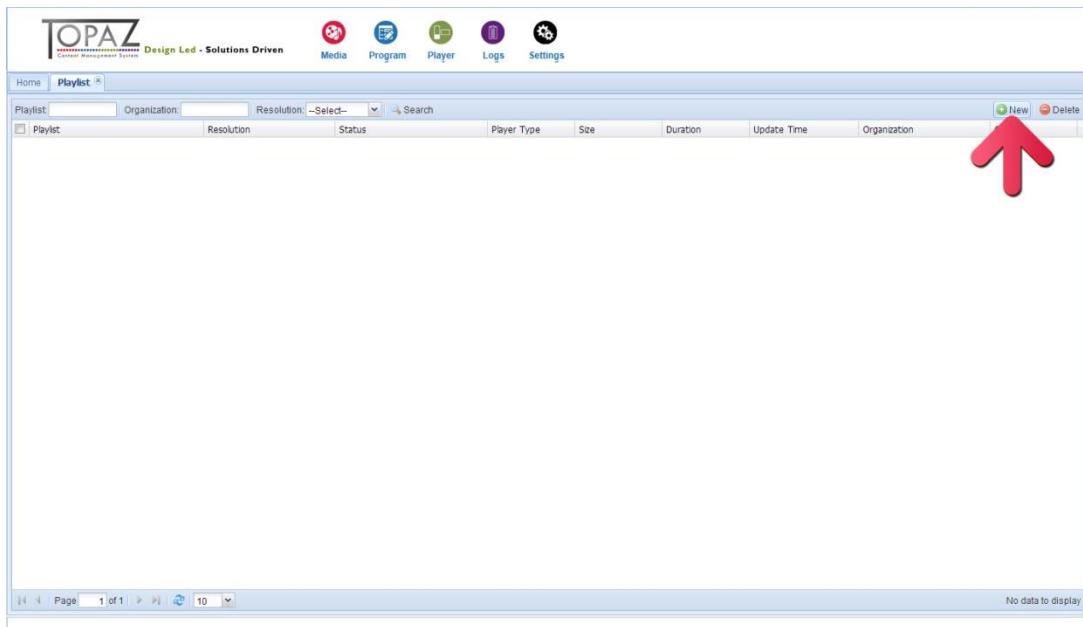
## 2.2.2 Playlist

Now that you have created a Template you can now assign the media you have uploaded to the zones of your Template and assign other values such as duration time and transition effect for images.

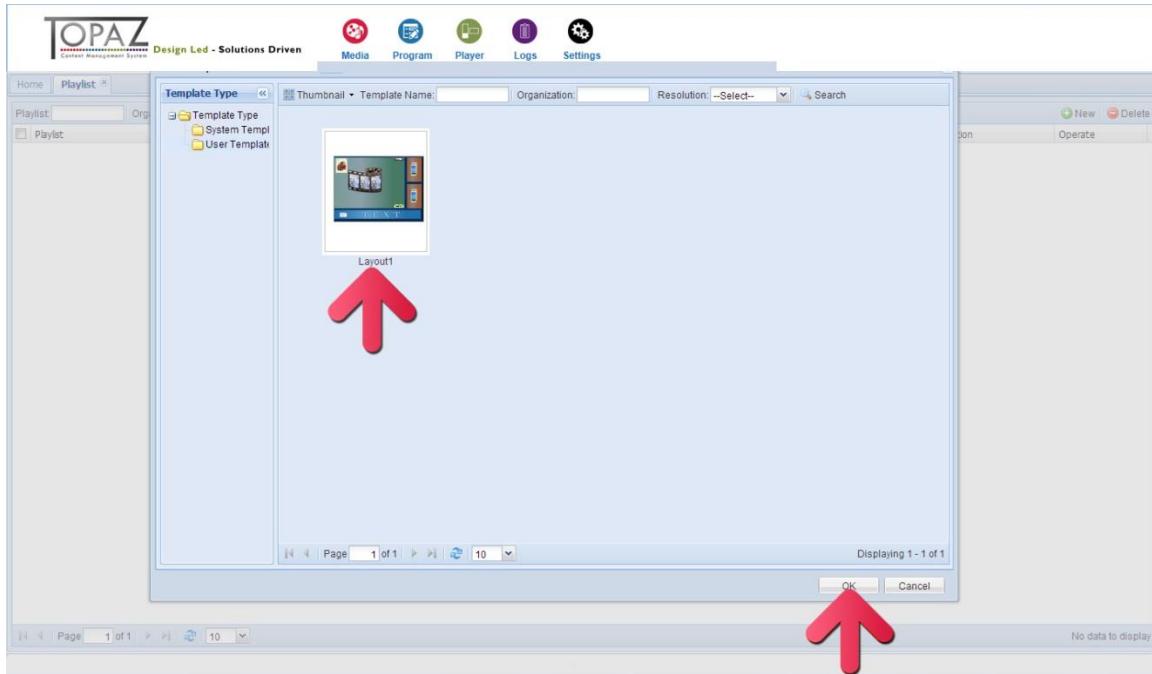
Begin by hovering over the “Program” icon on the Top Menu then click on “Playlist”.



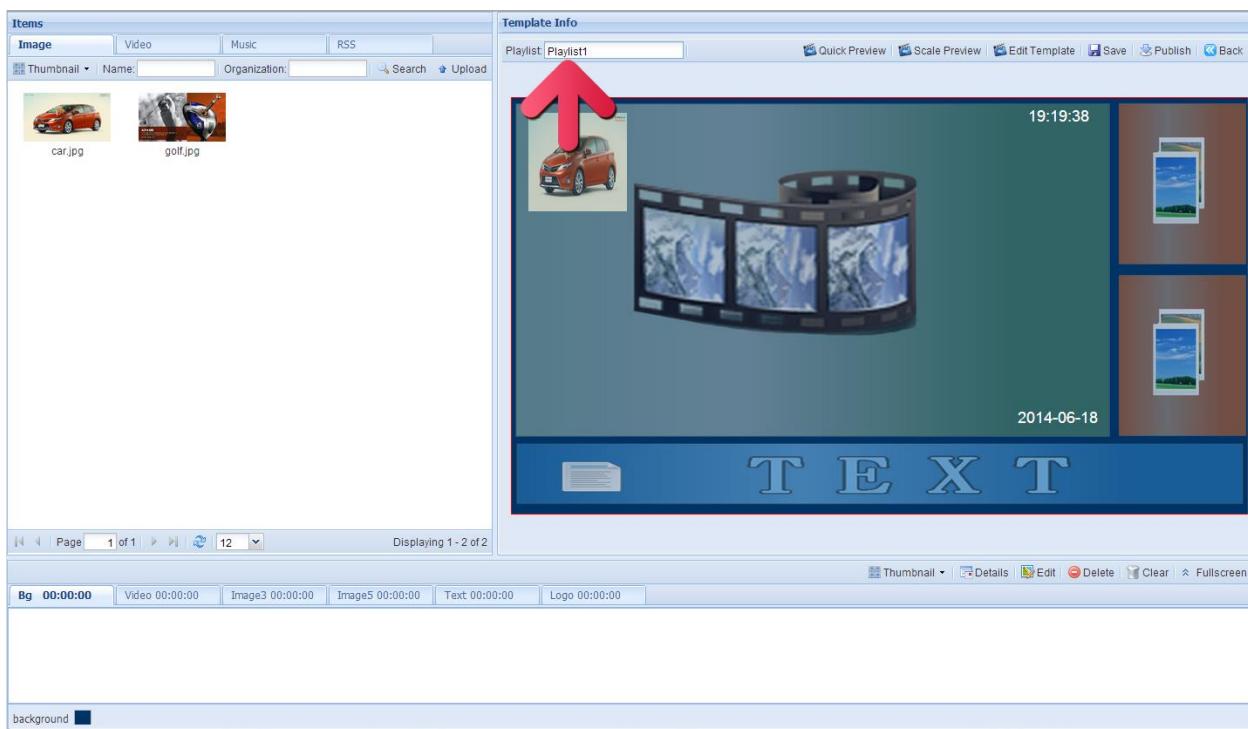
Next, click the “New” button.



You then have to select a Template. To select your own Templates Click on “User Templates”, then select the desired Template and click “OK”.

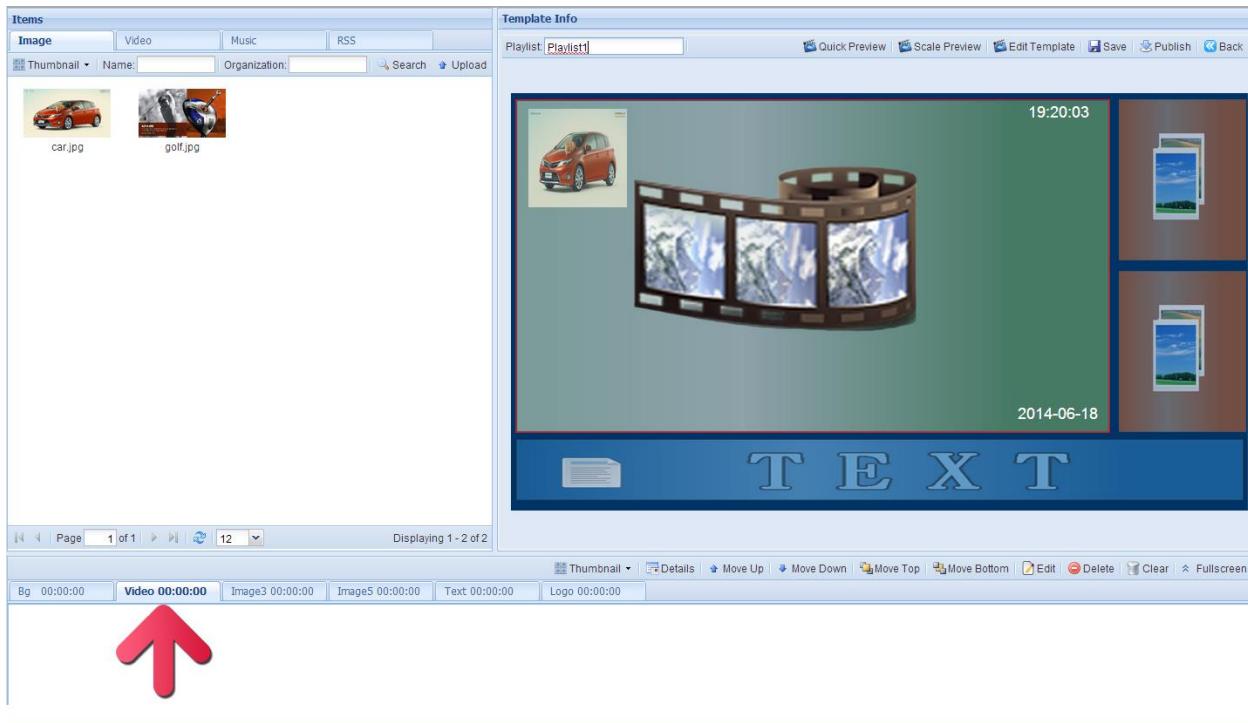


You may want to give your Playlist a name for future reference; you can do so by imputing it into the “Playlist” field.

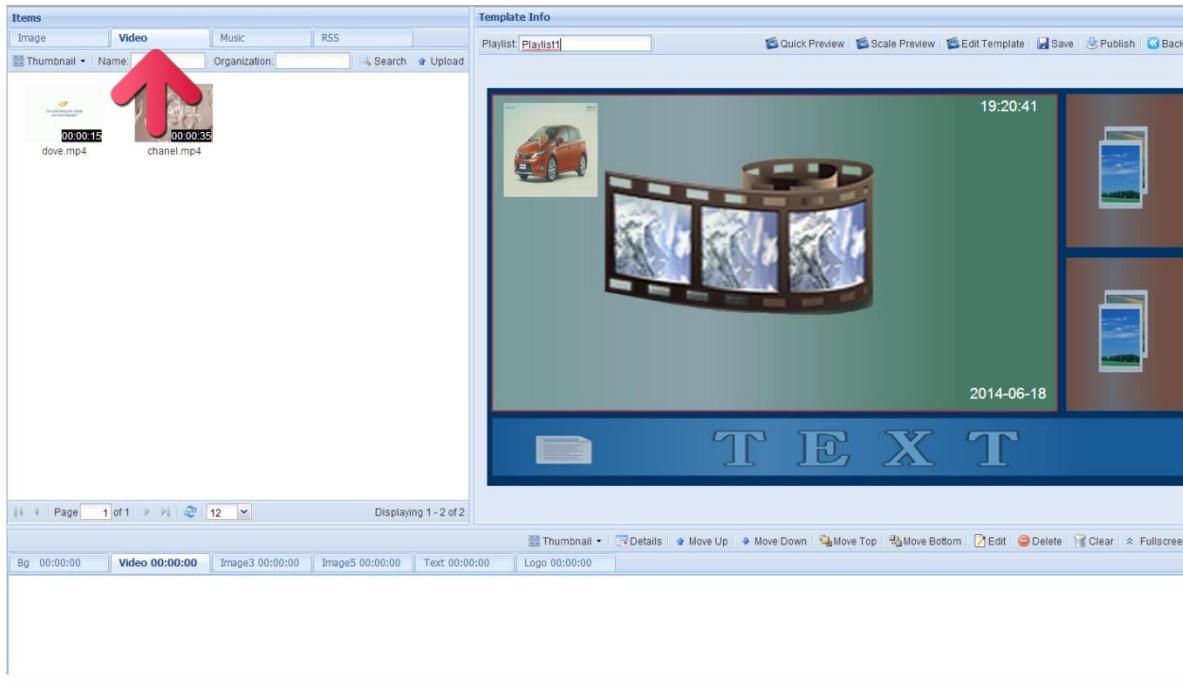


## Video and Music

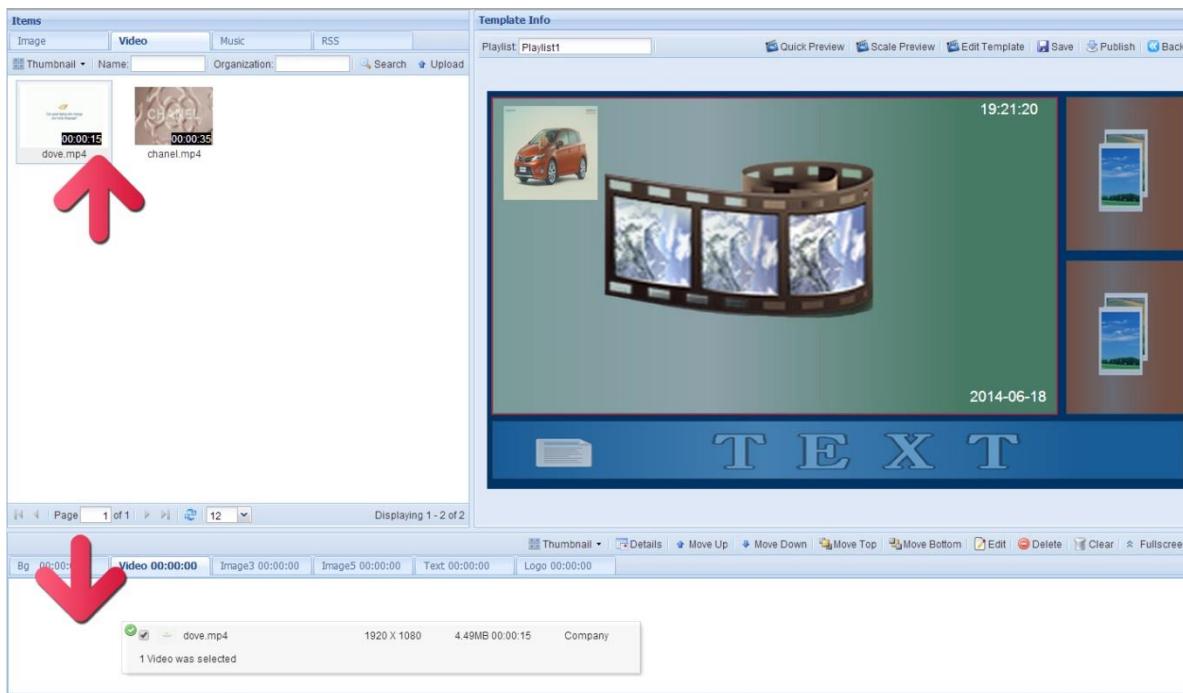
You will now see a Playlist design interface with various tabs representing your different media zones. You will automatically find yourself on the “Background” or “Bg” tab. Begin adding media by clicking on the “Video” tab. This zone will now be highlighted in the preview located in the “Template Info” section.



Then click the “Video” tab located in the “Items” section.



From the videos that you have already uploaded drag and drop the ones that you want to populate this zone into the bottom section.



You will now see a list of the video files that this zone contains.

**Items**

Thumbnail	Name	Organization	Search	Upload
	dove.mp4	00:00:15		
	chanel.mp4	00:00:35		

Page 1 of 1 | 12 | Displaying 1 - 2 of 2

---

Bg 00:00:00	<b>Video 00:00:15</b>	Image3 00:00:00	Image5 00:00:00	Text 00:00:00	Logo 00:00:00

**Template Info**

Playlist: Playlist1

Quick Preview | Scale Preview | Edit Template | Save | Publish | Back

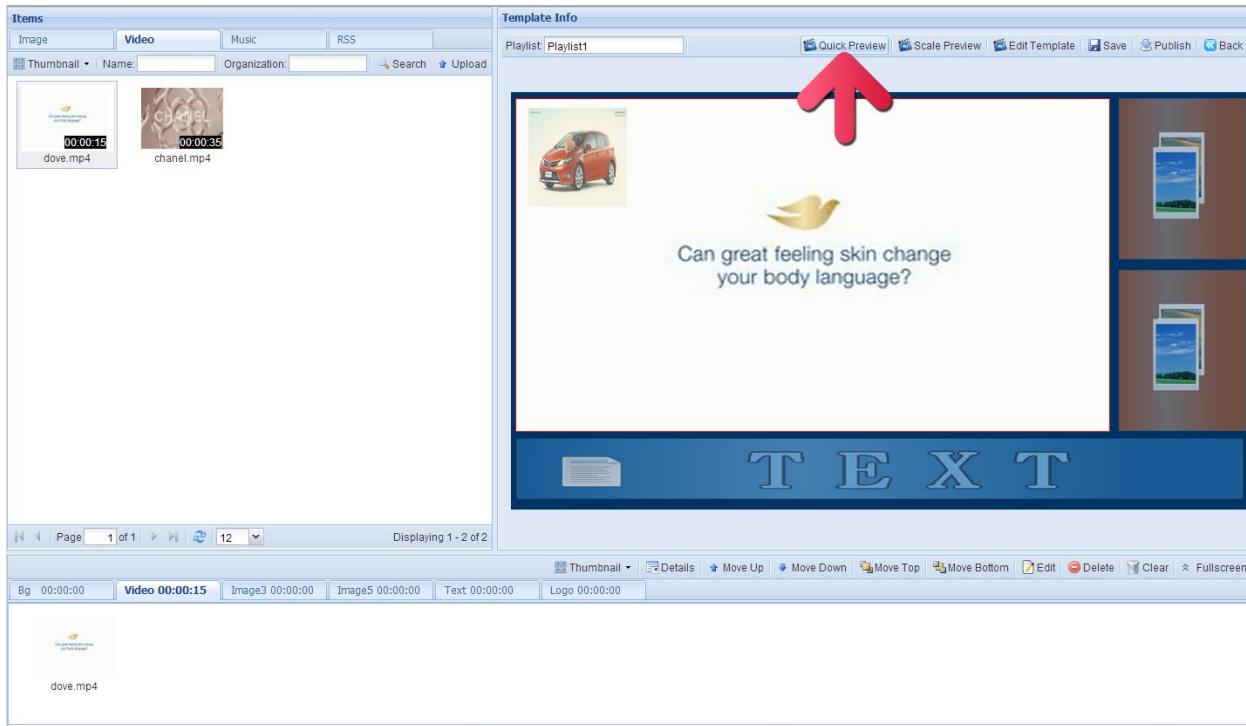
Can great feeling skin change  
your body language?

**TEXT**

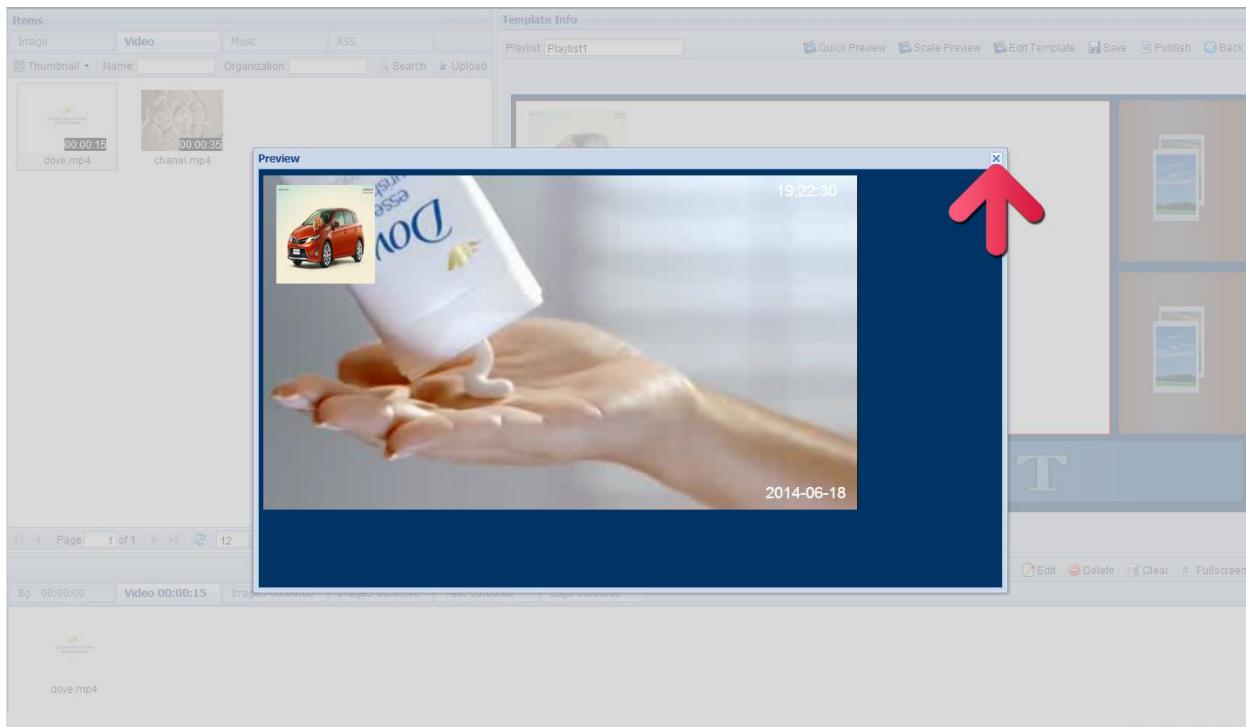
Thumbnail | Details | Move Up | Move Down | Move Top | Move Bottom | Edit | Delete | Clear | Fullscreen

You can also add Music files to this zone in the same way.

At any time you can preview what the Playlist will look like on a live screen by clicking “Quick Preview”.

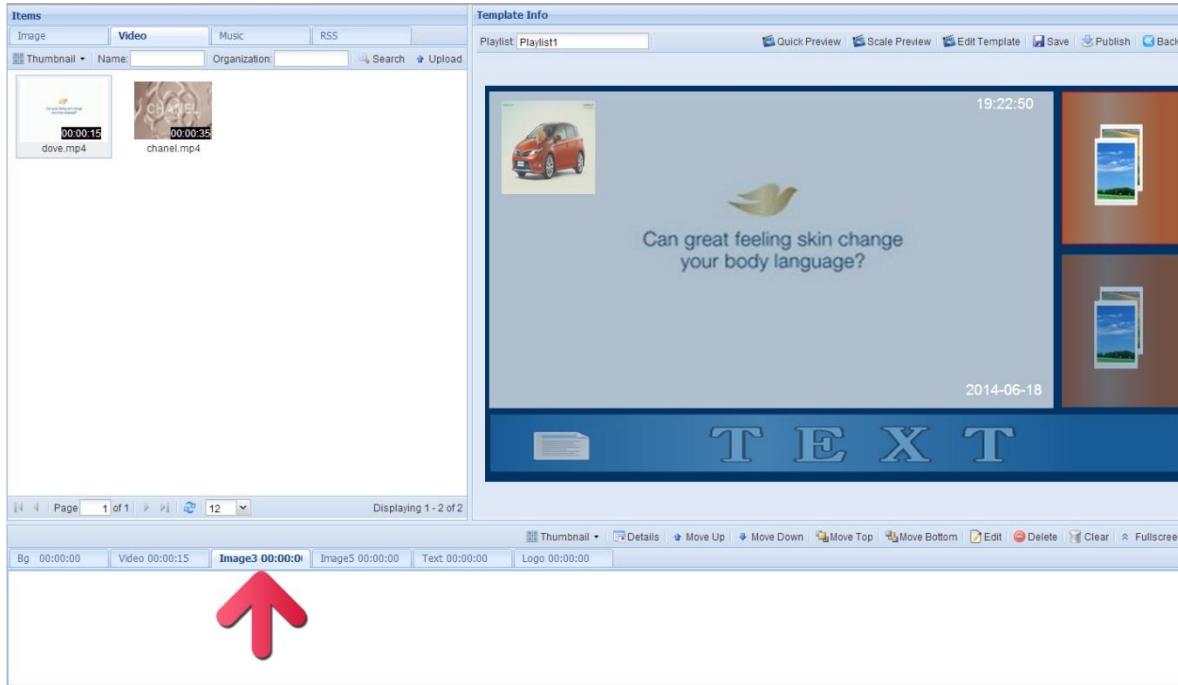


This will launch a preview box showing how your Playlist would look if you were to Publish it now. To exit click the “X” in the top right hand corner.

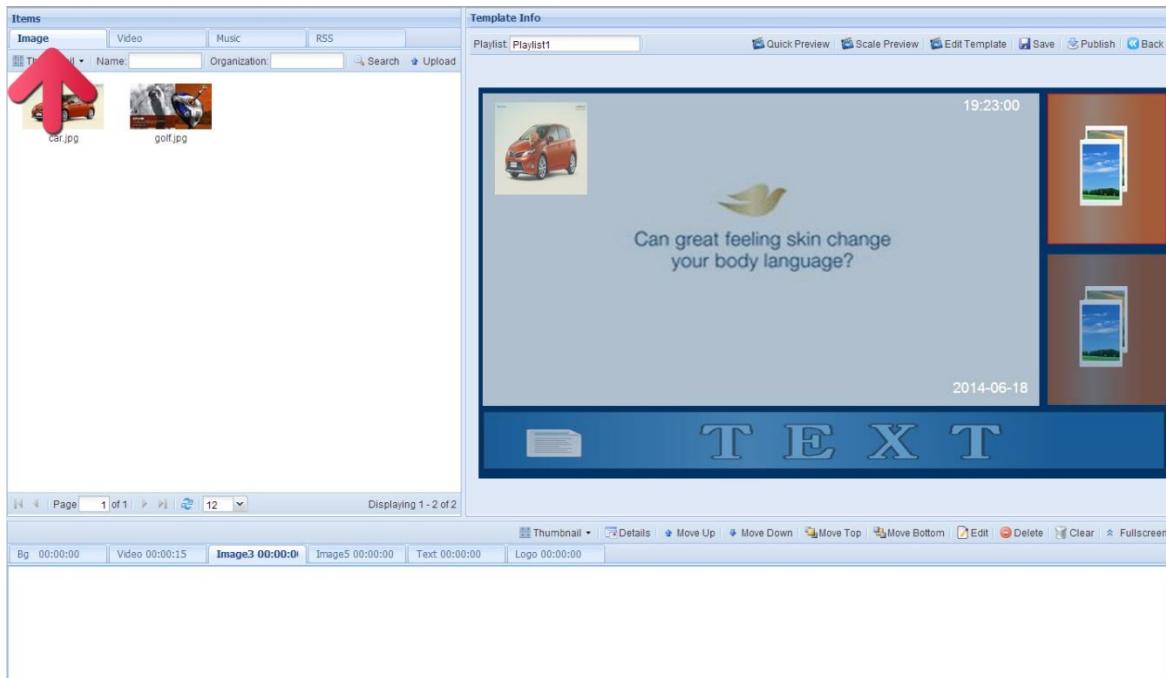


### Image

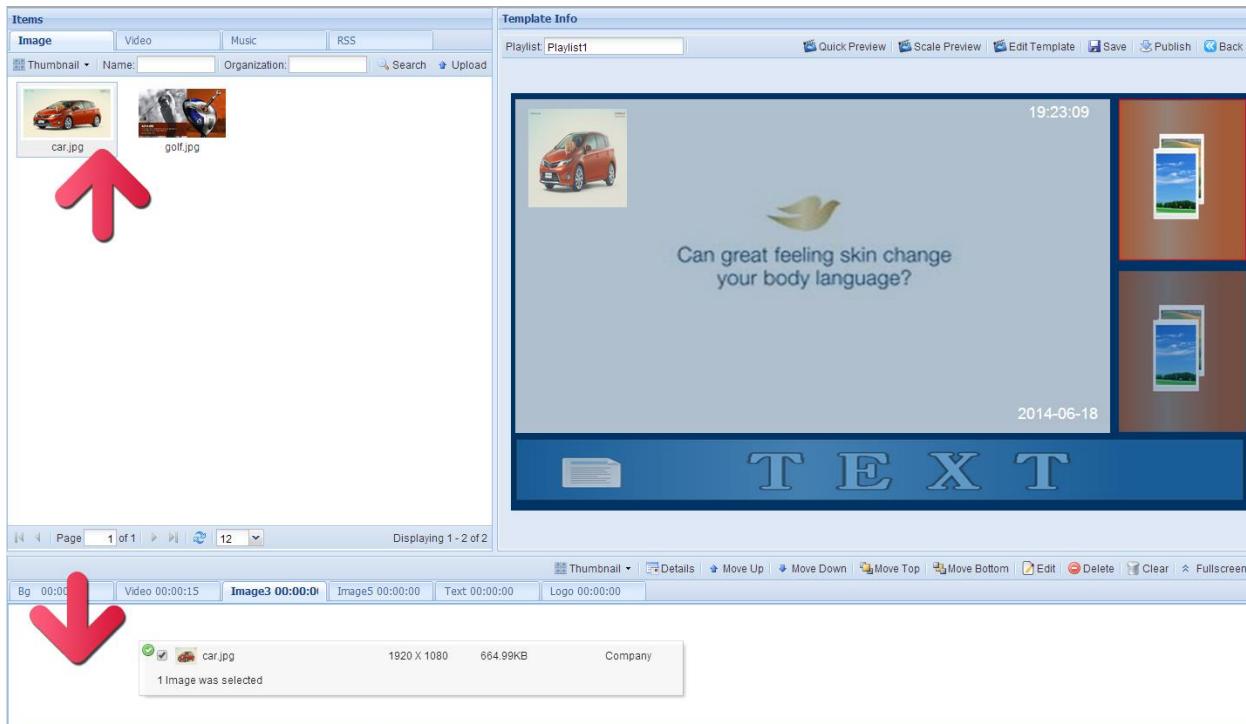
Next, click on the first “Image” tab. This zone will now be highlighted in the preview located in the “Template Info” section.



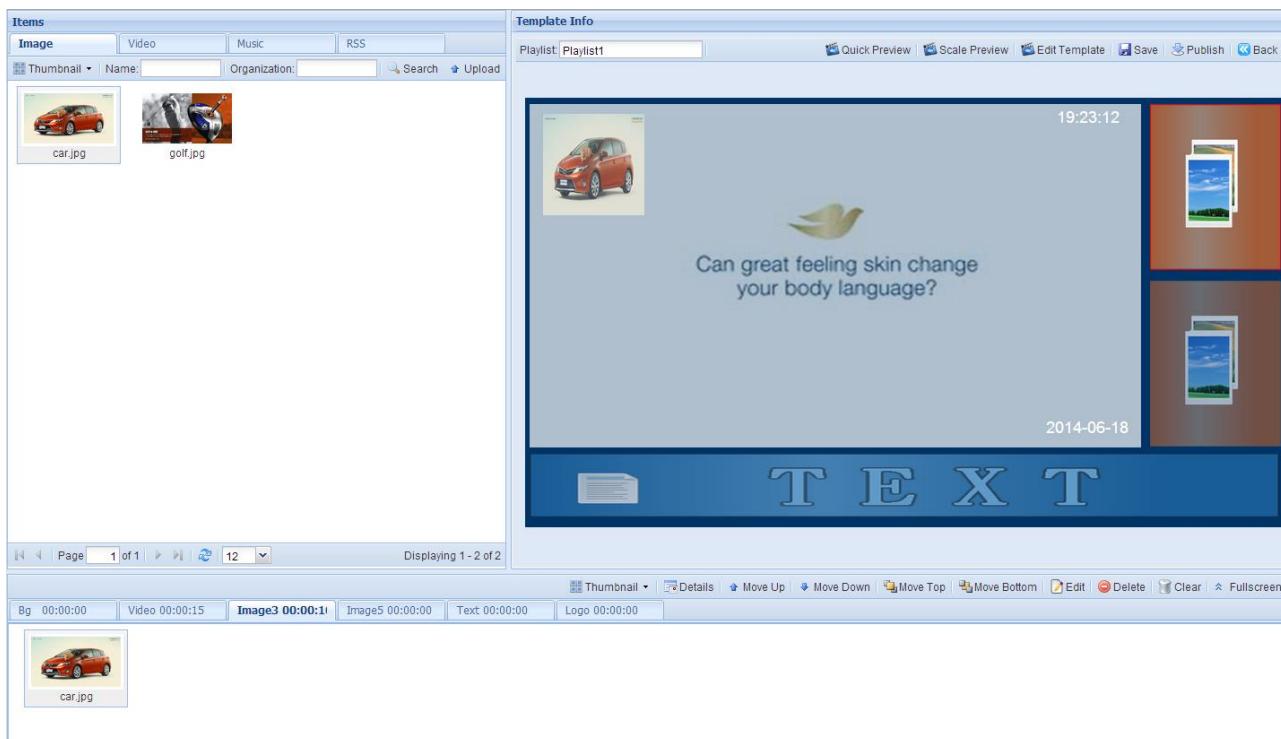
Then click the “Image” tab located in the “Items” section.



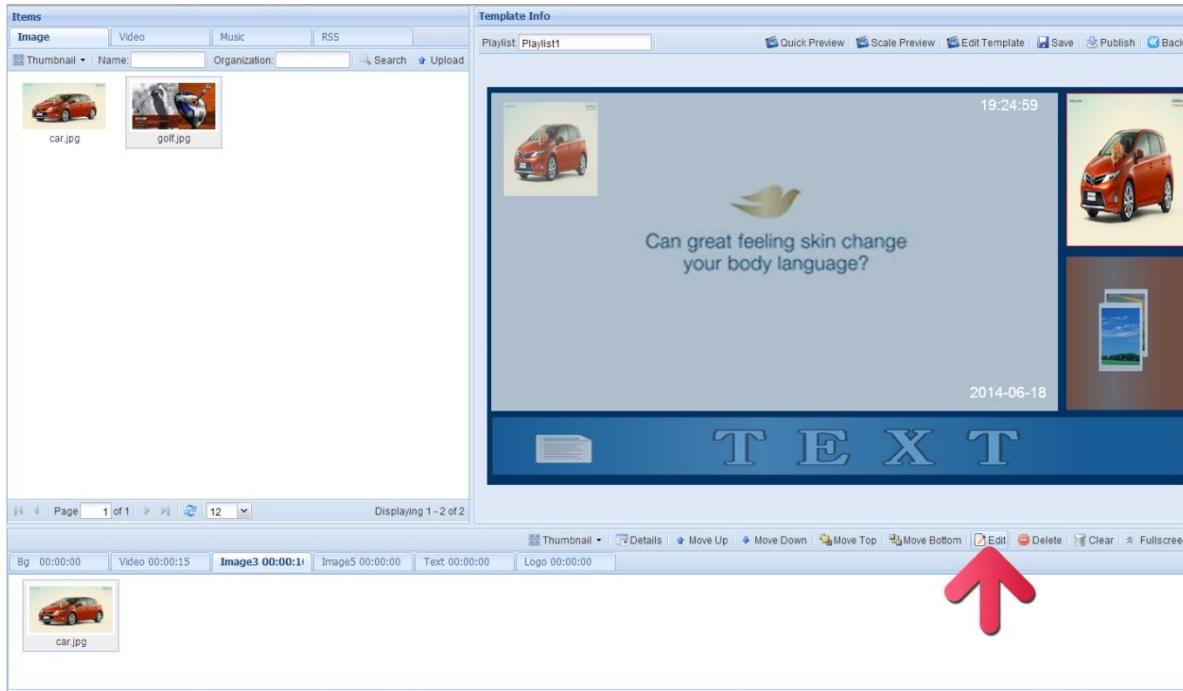
From the images that you have already uploaded drag and drop the ones that you want to populate this zone into the bottom section.



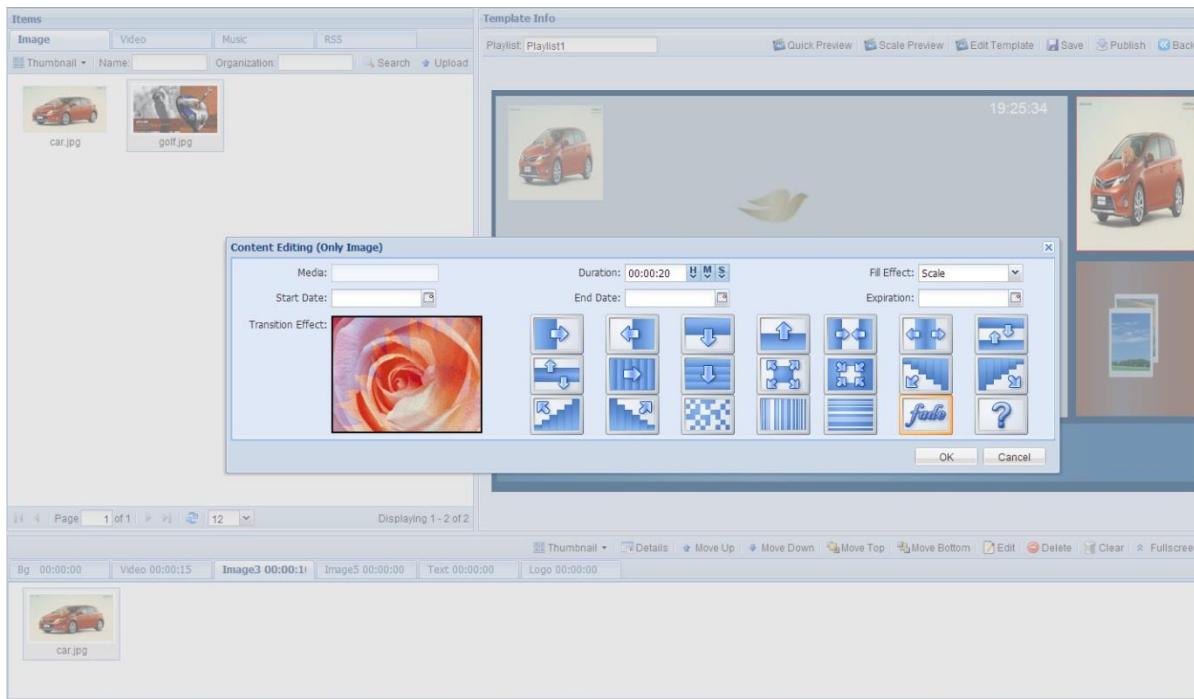
You will now see a list of the image files that this zone contains.



To edit their duration periods and transition effects select the image files you want to edit then click the “Edit” button.



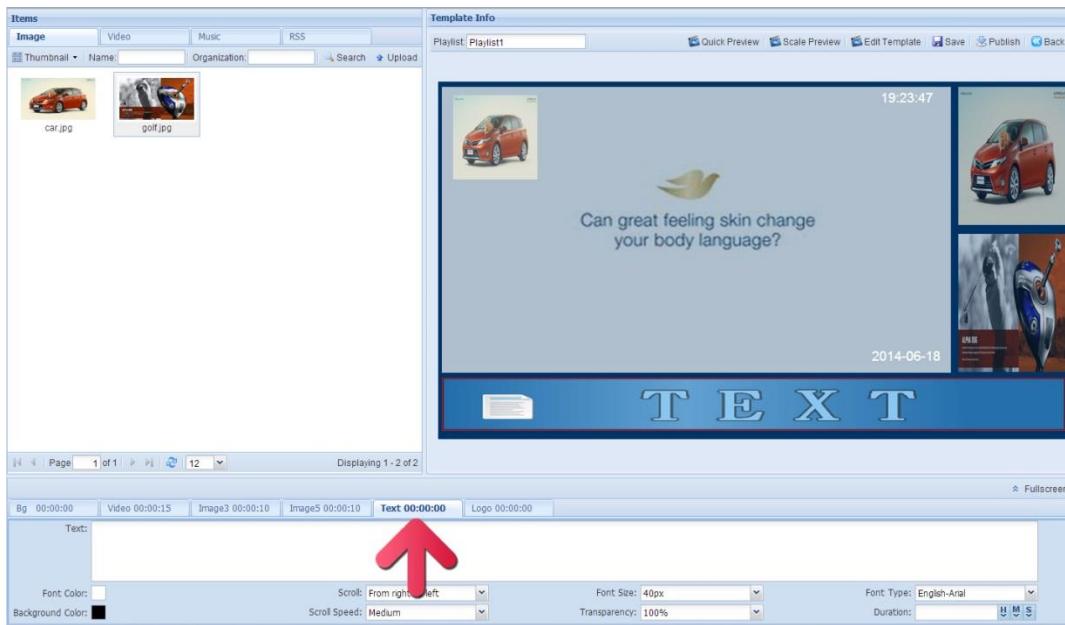
A “Media Edit” box will now appear; here you can set the duration time and transition effect of each image file. When you have finished, click “OK”.



You can populate your other image zone by following the same steps.

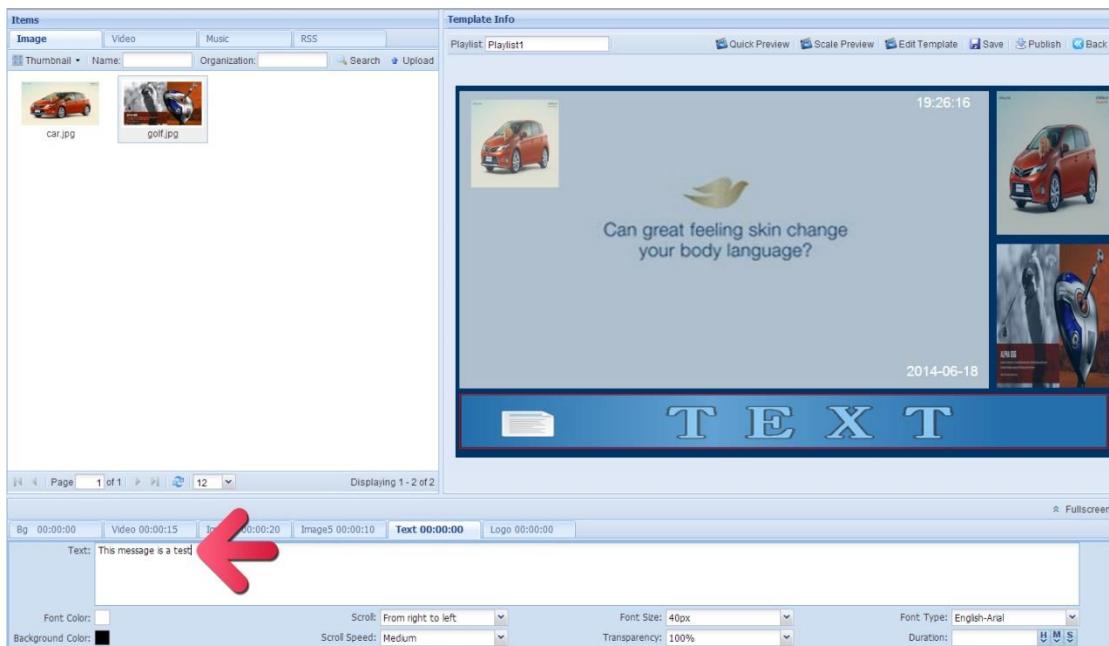
### Scrolling Text and RSS Feeds.

Next, click on the “Text” tab. This zone will now be highlighted in the thumbnail preview.

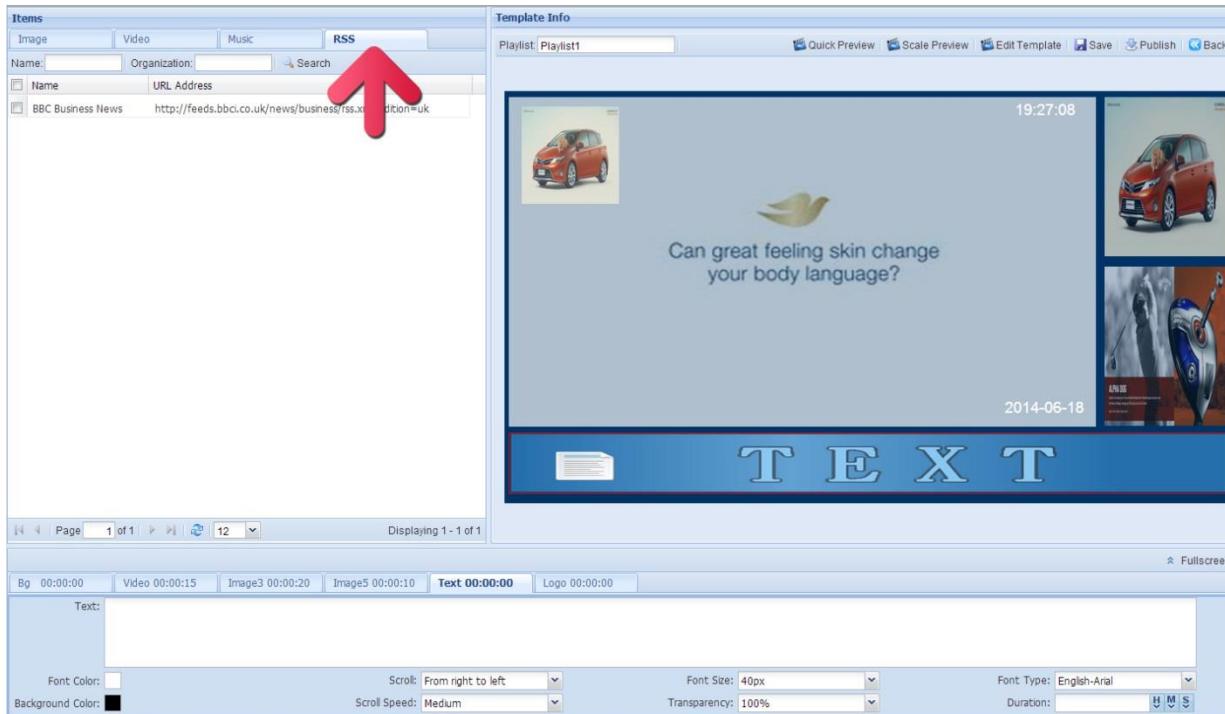


Here you can adjust the font size, scroll direction, scroll speed, transparency and the colours of both the area's background and text.

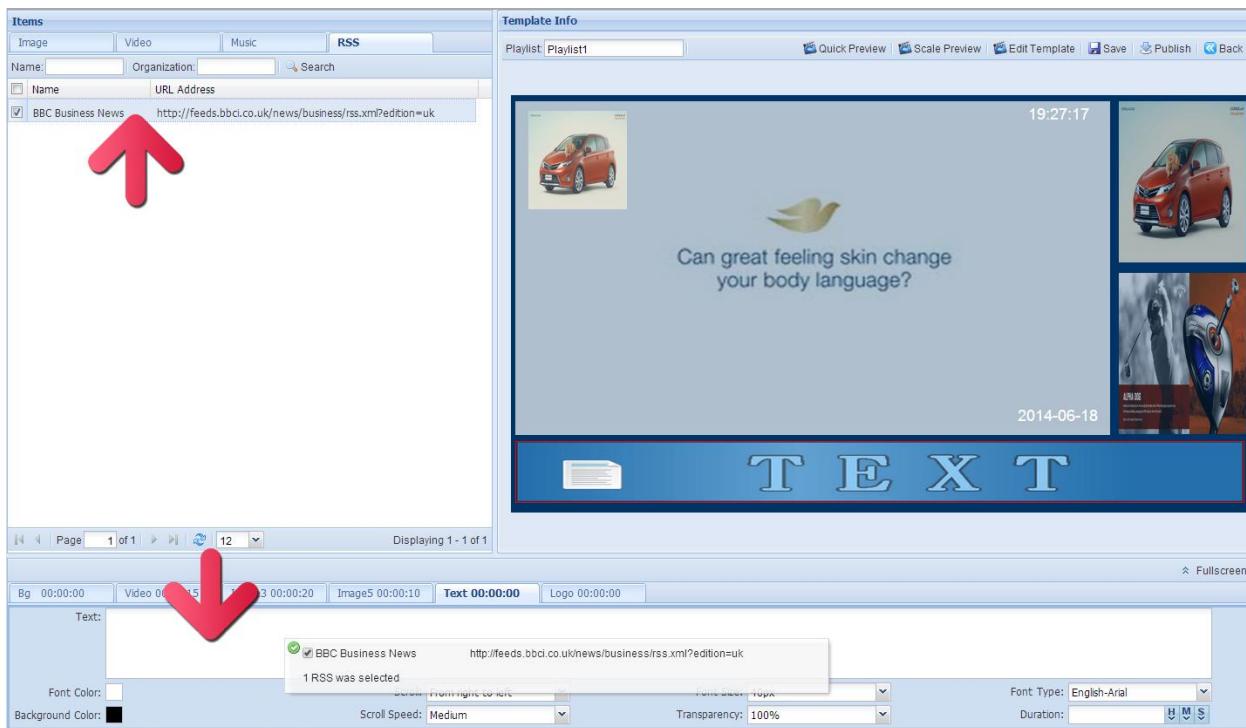
If you wish to add a scrolling message you can simply enter it into the “Text” field.



However if you wish to add an RSS feed you must click the “RSS” tab in the “Items” section.



You will now see a list of the RSS feeds that you have previously set up. Drop and drag the feed that you wish to display into the bottom section.



You will now see the text field filled out with your RSS information.

The screenshot shows the 'Template Info' tab in the TOPAZ CMS software. The main preview area displays a news item from BBC Business News. The text input field below contains the following news content:

```

Text: 1.'No wage rises' until 5% jobless rate
Average wages may not rise significantly until the unemployment rate has fallen to 5%, a Bank of England policymaker has suggested.
2.GM ignored early warnings on cars

```

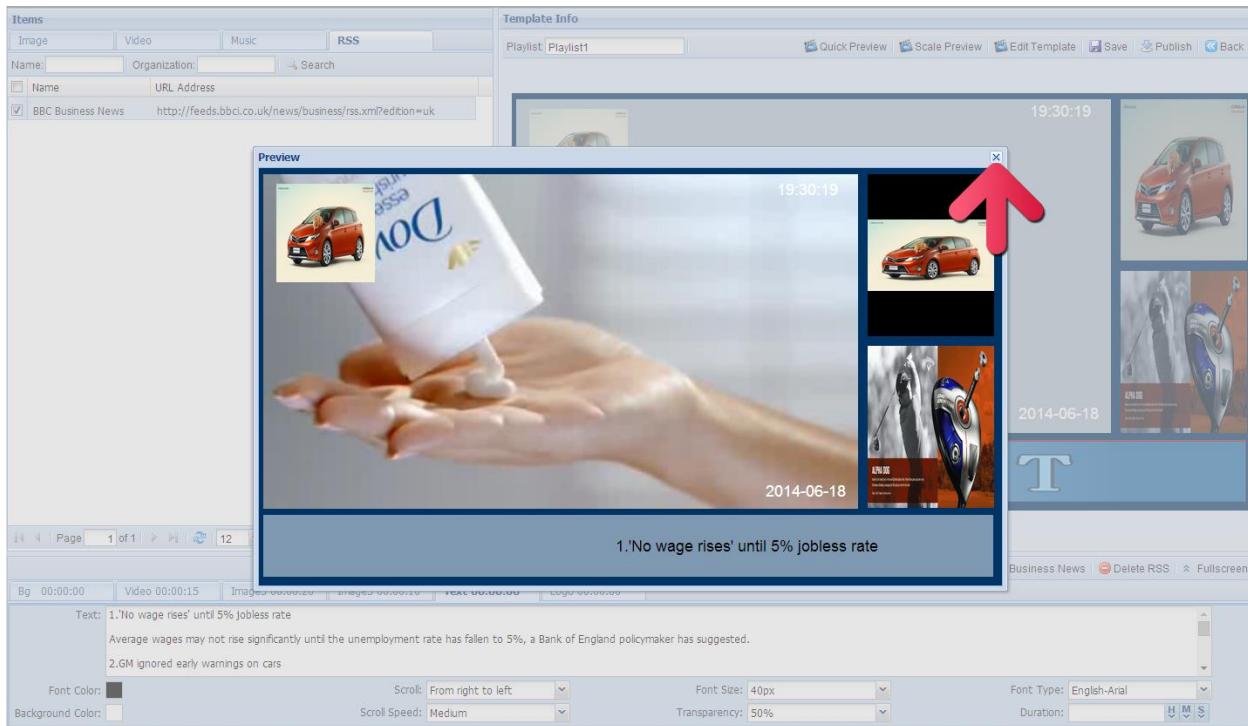
The text configuration settings at the bottom include:

- Font Color: [Color Box]
- Background Color: [Color Box]
- Scroll: From right to left
- Scroll Speed: Medium
- Font Size: 40px
- Transparency: 100%
- Font Type: English-Arial
- Duration: [Dropdown]

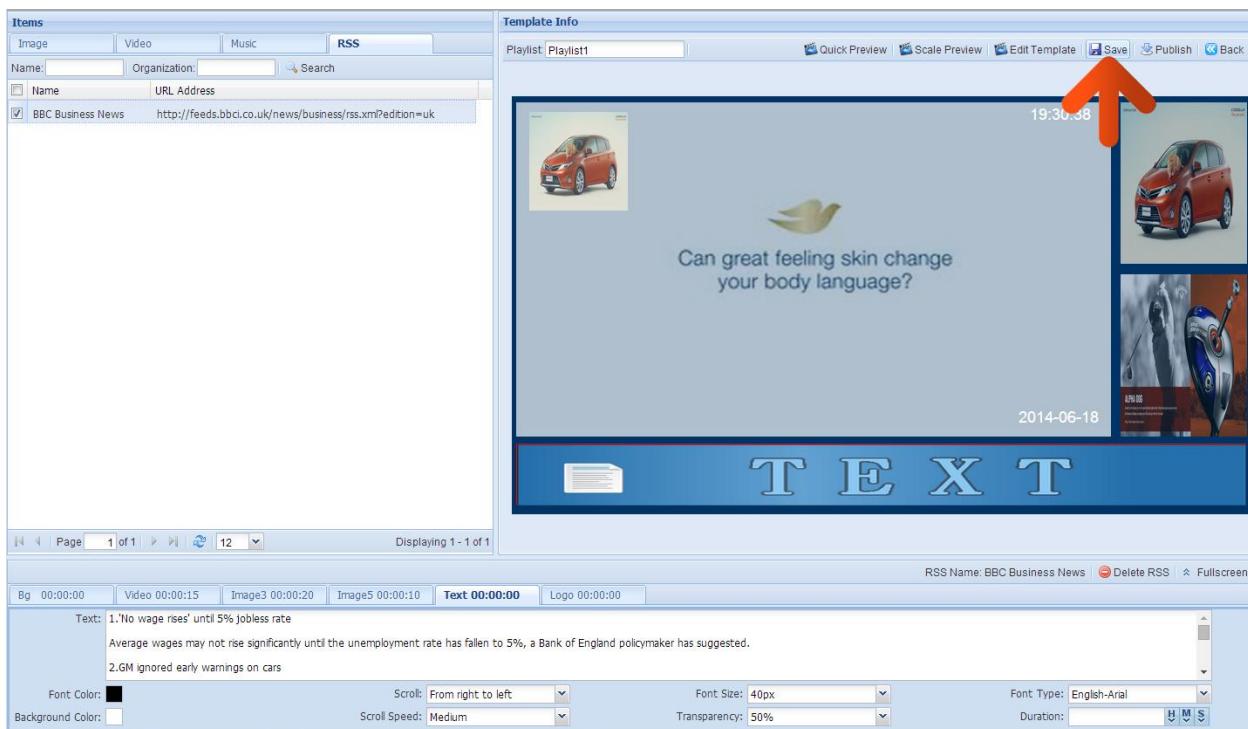
It is a good idea to do a final preview of your content before saving, so as you are happy with how the content should look on your screen. Click “Quick Preview”.

The screenshot shows the 'Template Info' tab in the TOPAZ CMS software. A large red arrow points to the 'Quick Preview' button in the top toolbar. The preview area displays the same news item from BBC Business News as the previous screenshot.

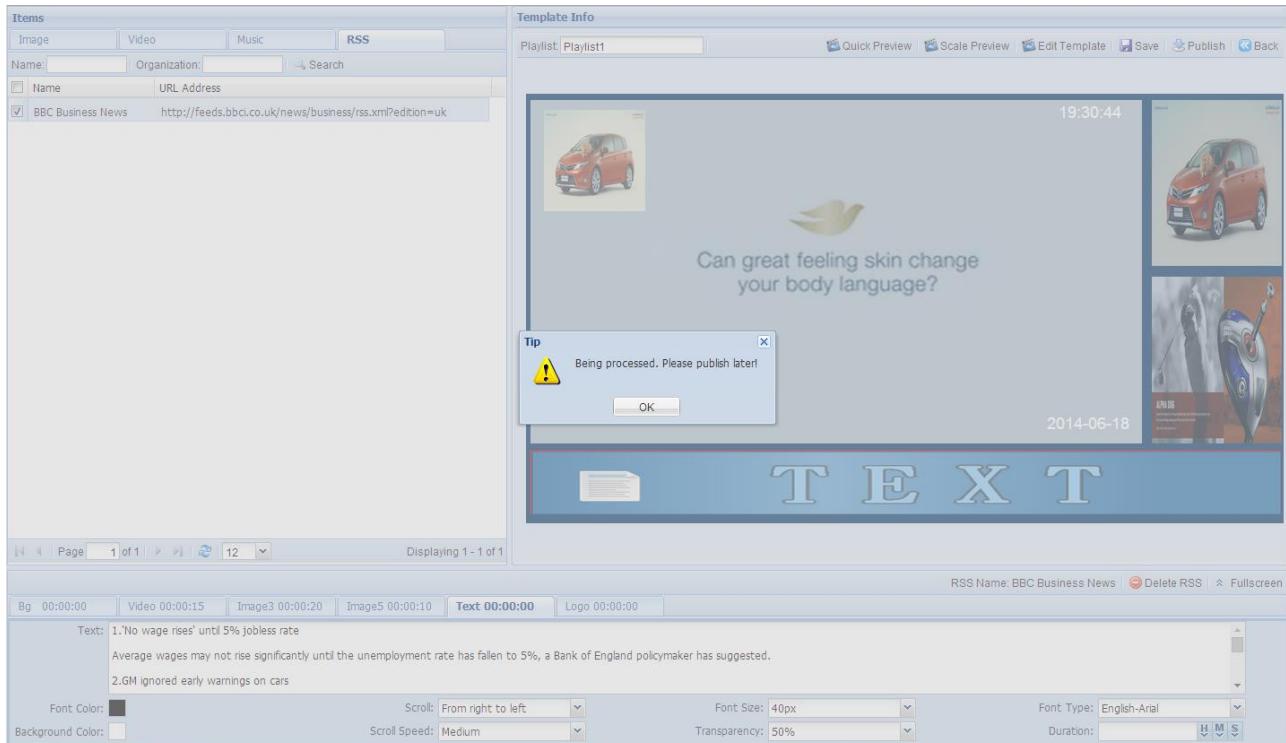
This will launch a preview box showing how your Playlist would look if you were to Publish it now. To exit click the “X” in the top right hand corner.



Now click the “Save” button.



You will be presented with the following message, please click “OK”.

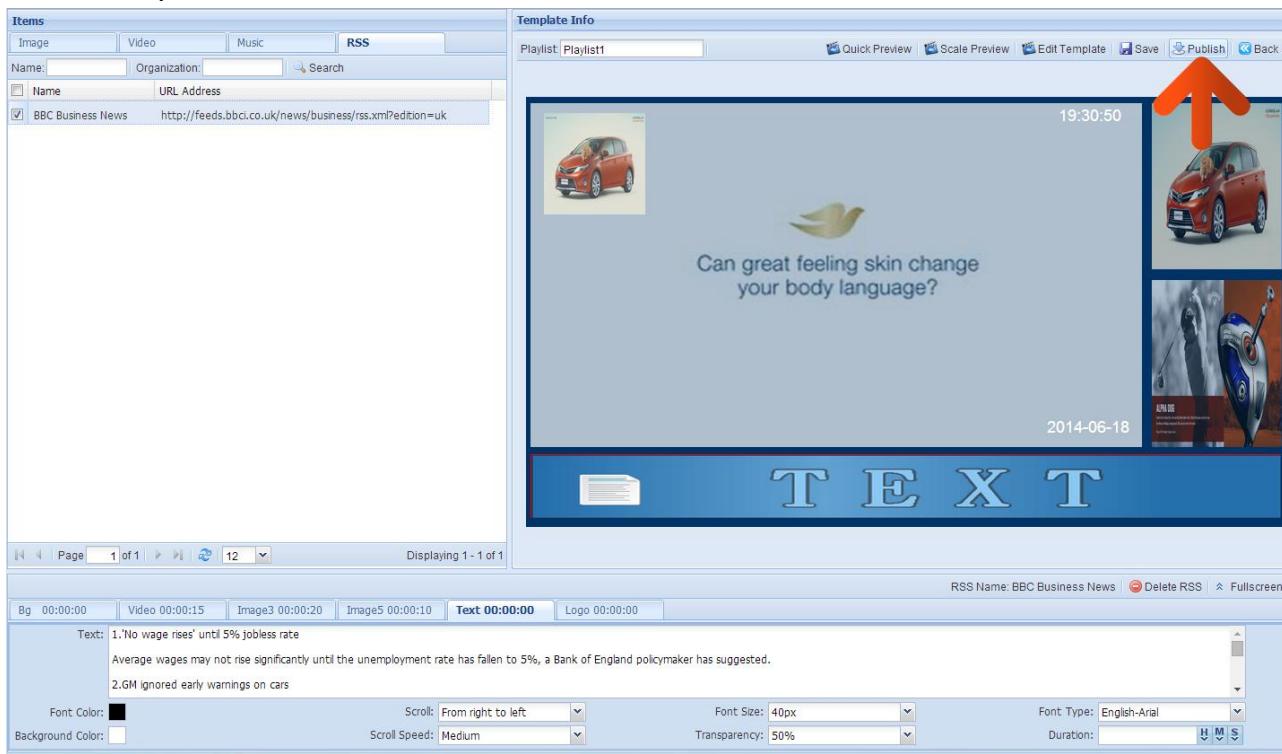


## 2.2.3 Publish

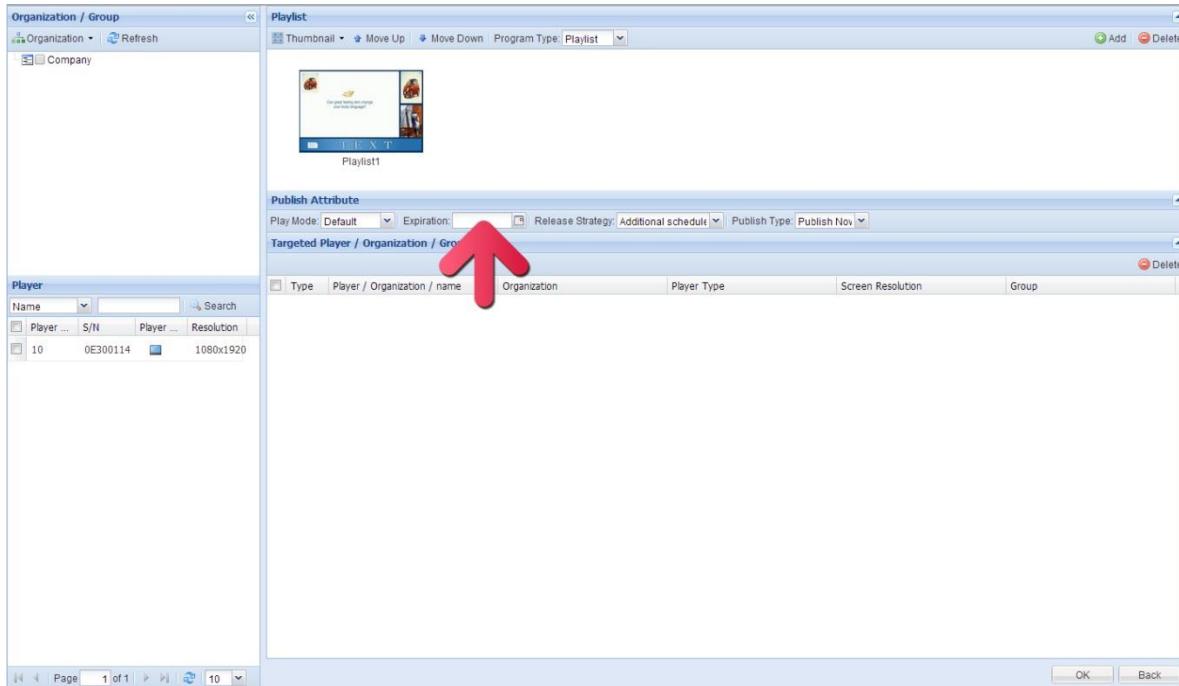
### 2.2.3.1 Publishing from Playlist

Once you have populated your Templates zones with Media and you are happy with your Playlist you can either save it for a later date or you can send it to your screen(s) immediately.

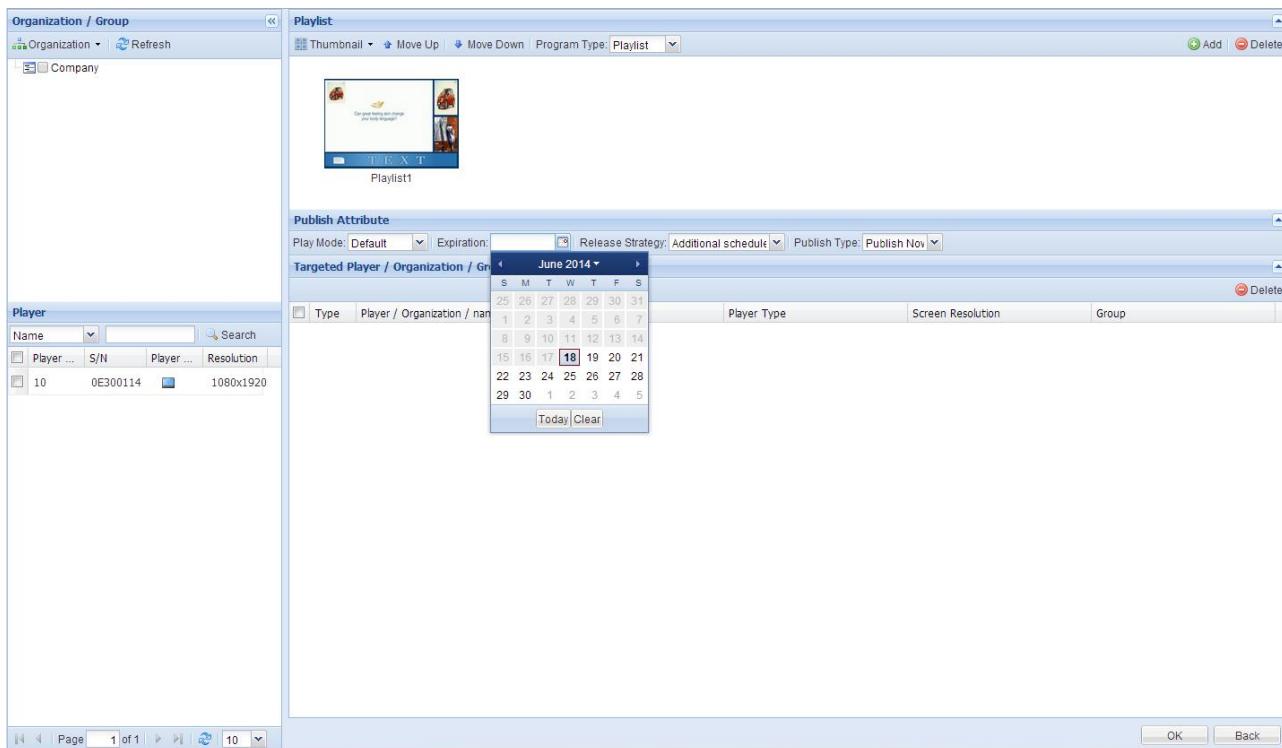
From the Playlist screen, click the “Publish” button.



First, set an expiration date. This just means that this Playlist will be accessible on your records until this date. Click on the field to select a date.



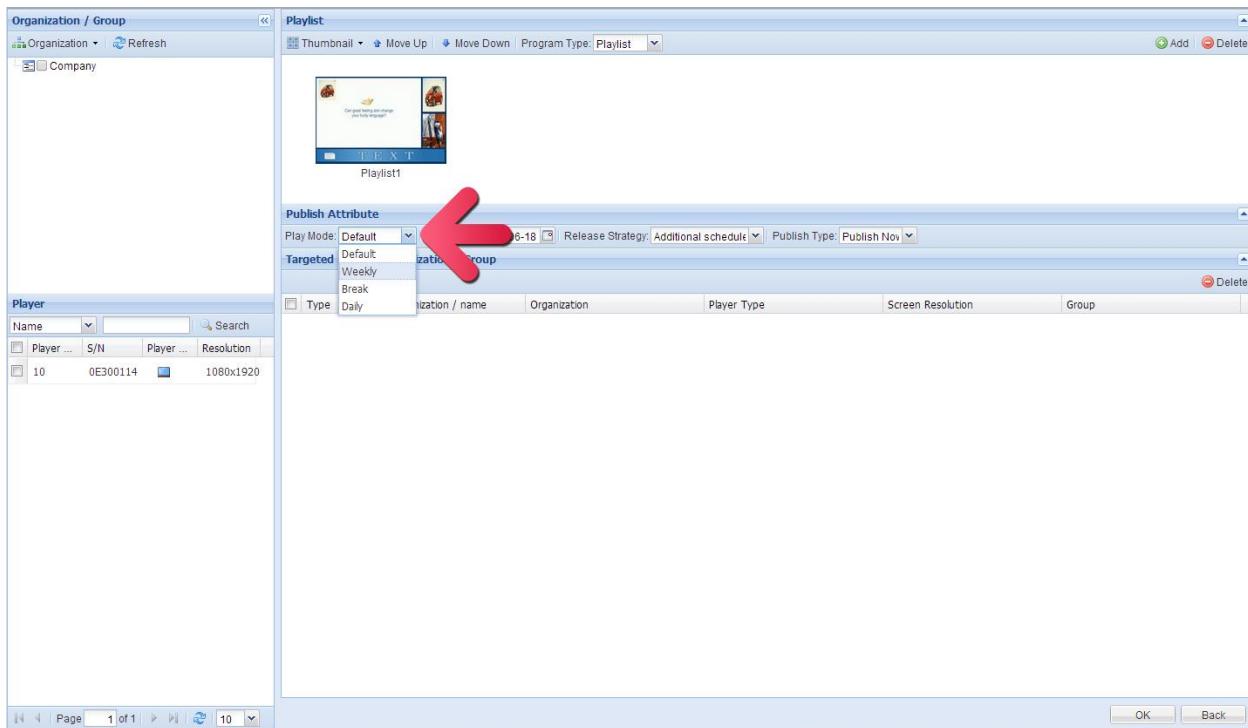
We recommend that you set this to at least one year on from your current date just in case you want to refer back to this playlist in the future.



Next, select an option from the “Play Mode” list, they are as follows:

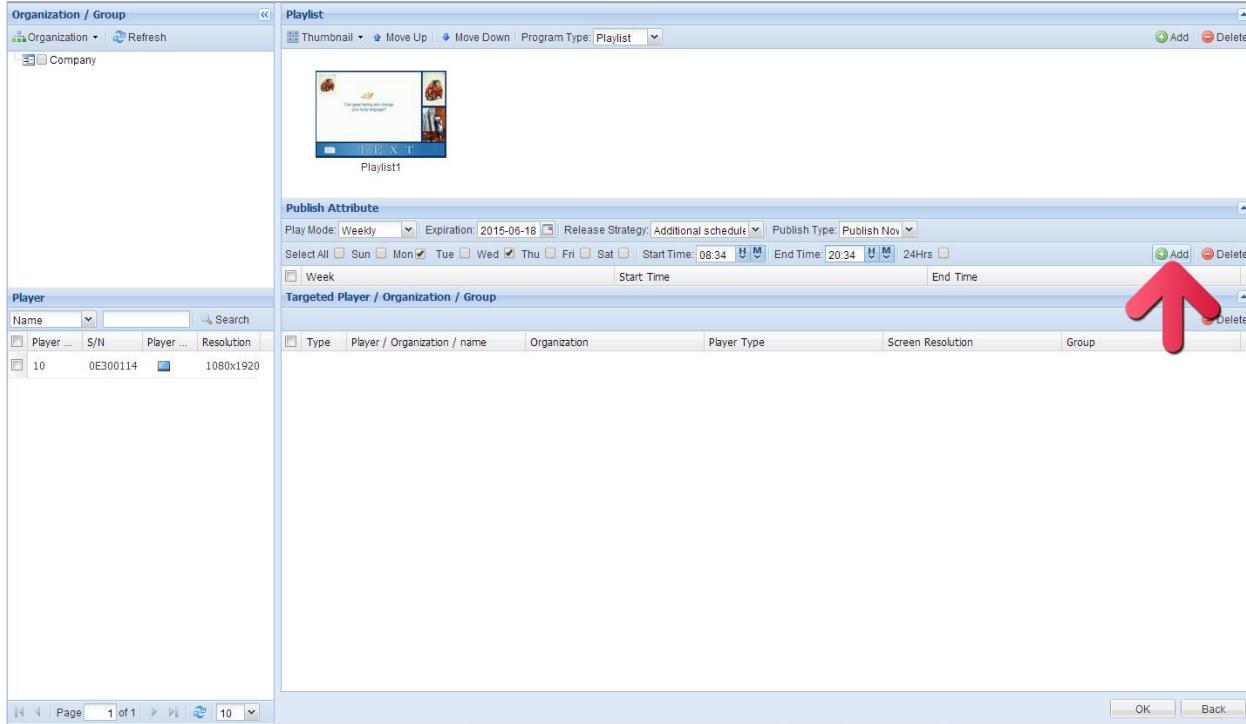
- Default – sends the Playlist to the screen now.
- Weekly – allows you to schedule the Playlist to play on a weekly schedule.
- Daily – allows you to schedule the Playlist to play on a daily schedule.
- Break – allows you to schedule to play during a period, overriding everything else.

When you select any option other than “Default” another field will appear allowing you to set a play period of this Playlist.

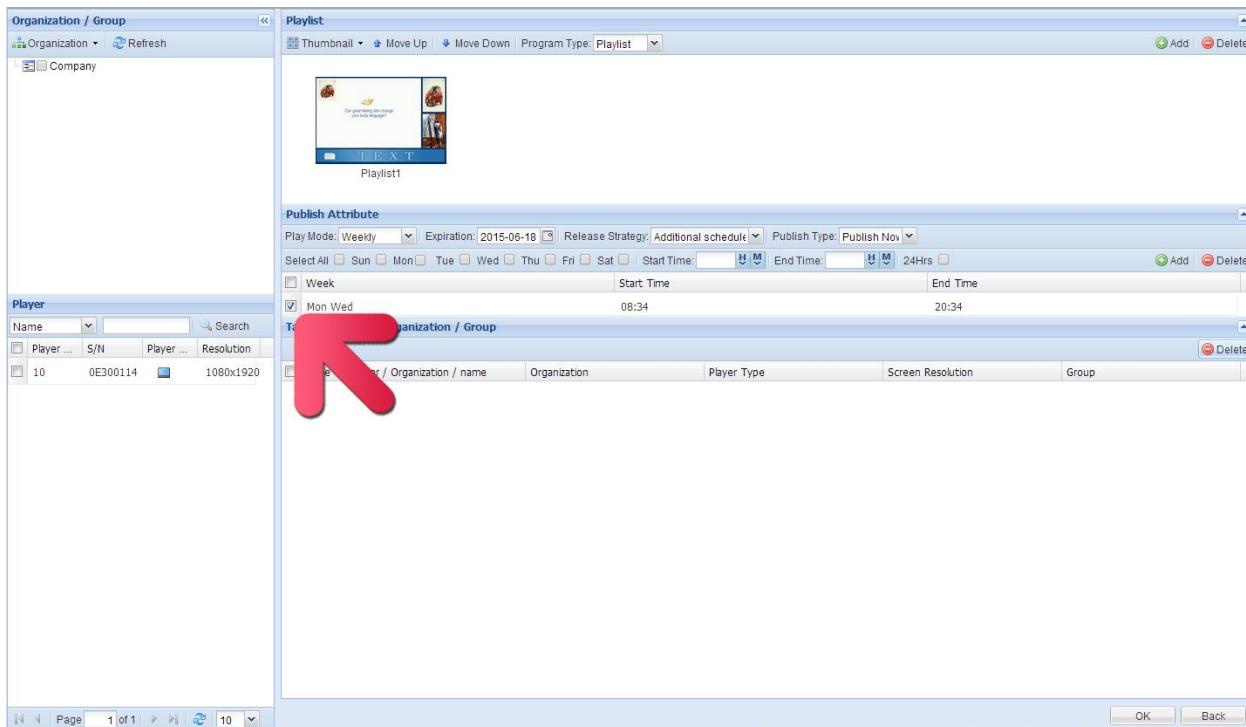


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Set the period(s) for which you would like this Playlist to display, and then click the “Add” button.

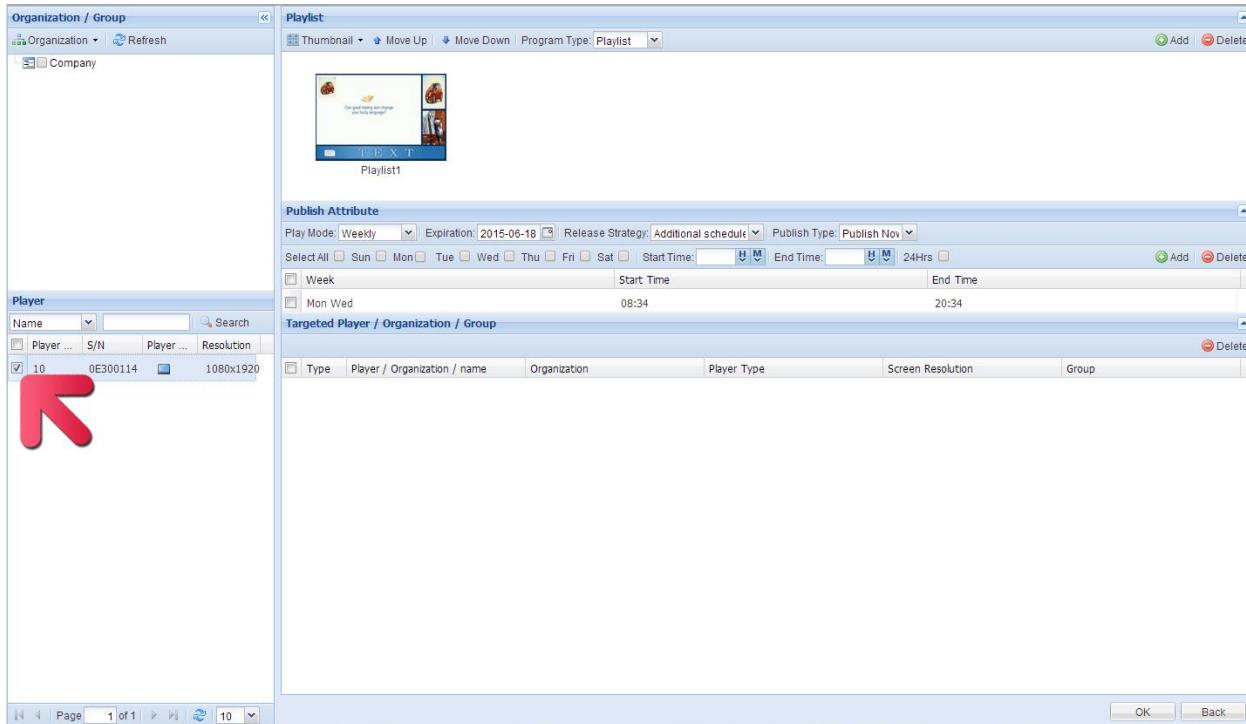


This will then add another line that represents the period you have set. You must then tick the checkbox next to this period.



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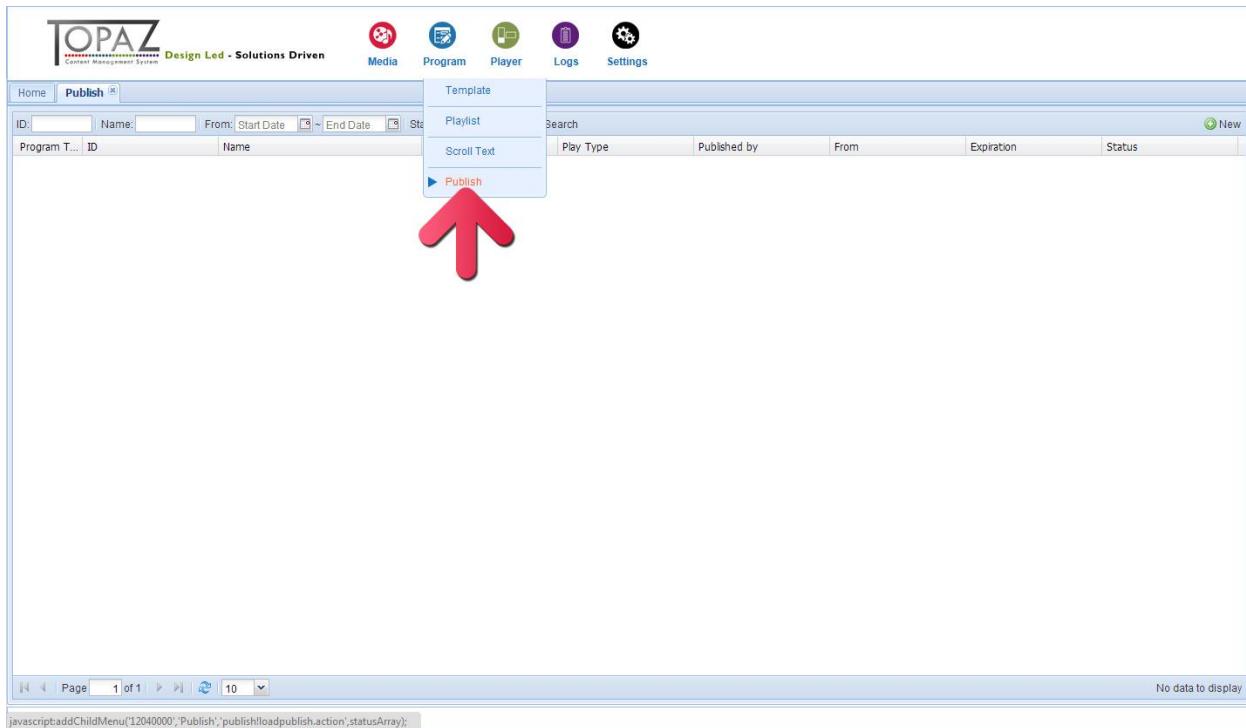
Finally add the screens that you would like to Publish the Playlist to by clicking the checkbox next to the name of the screen. Then Click “OK”.



### 2.2.3.2 Publish

This is another method of publishing playlists to your screen as well as viewing previous playlists that have not yet expired.

Begin by hovering over the “Program” section of the Top Menu, then click “Publish”.

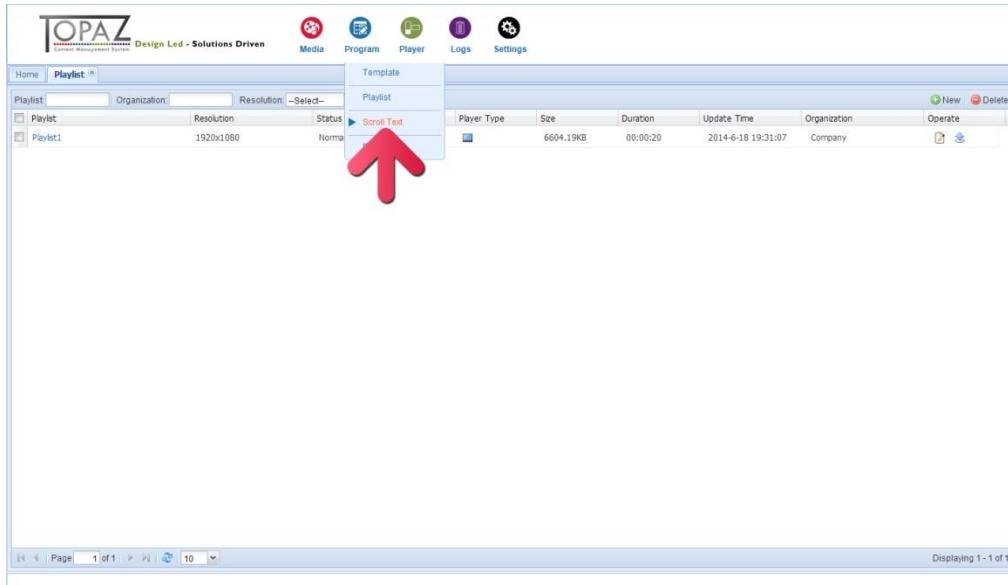


You will then see a list of previous playlists that you have published that have not yet expired. You can create a new Publish from scratch by clicking the “New” button, selecting a previously configured Playlist then following the steps from section 2.3.3.1.

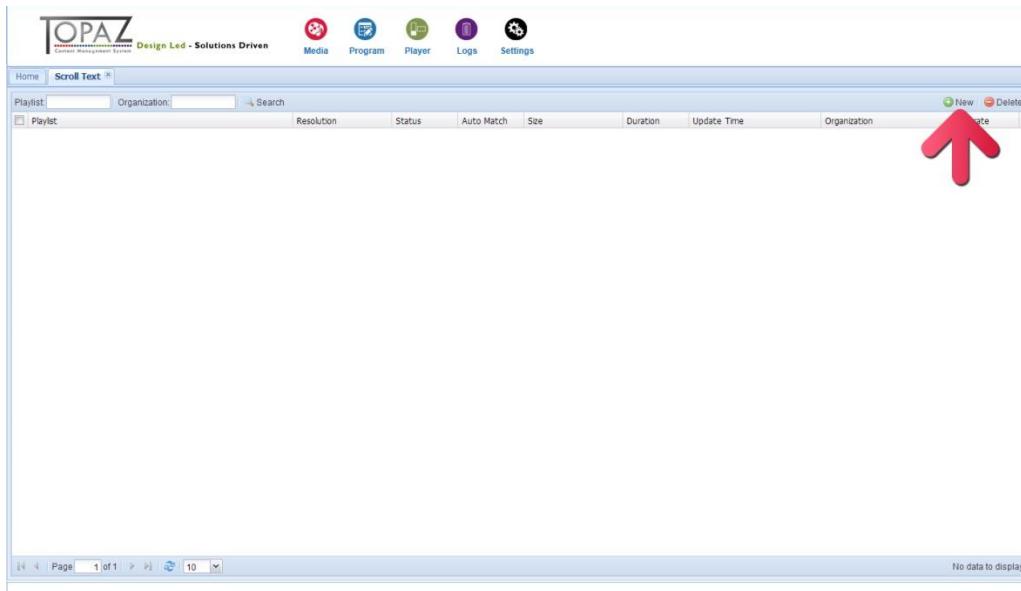
## 2.2.4 Message

You can send a Scrolling Text message to your screen that will override any scheduled or current content playing. Once your Message Playlist has finished playing your screen will continue to display its normally scheduled content. You may wish to have pre-loaded content and pre-made Templates for these occasions.

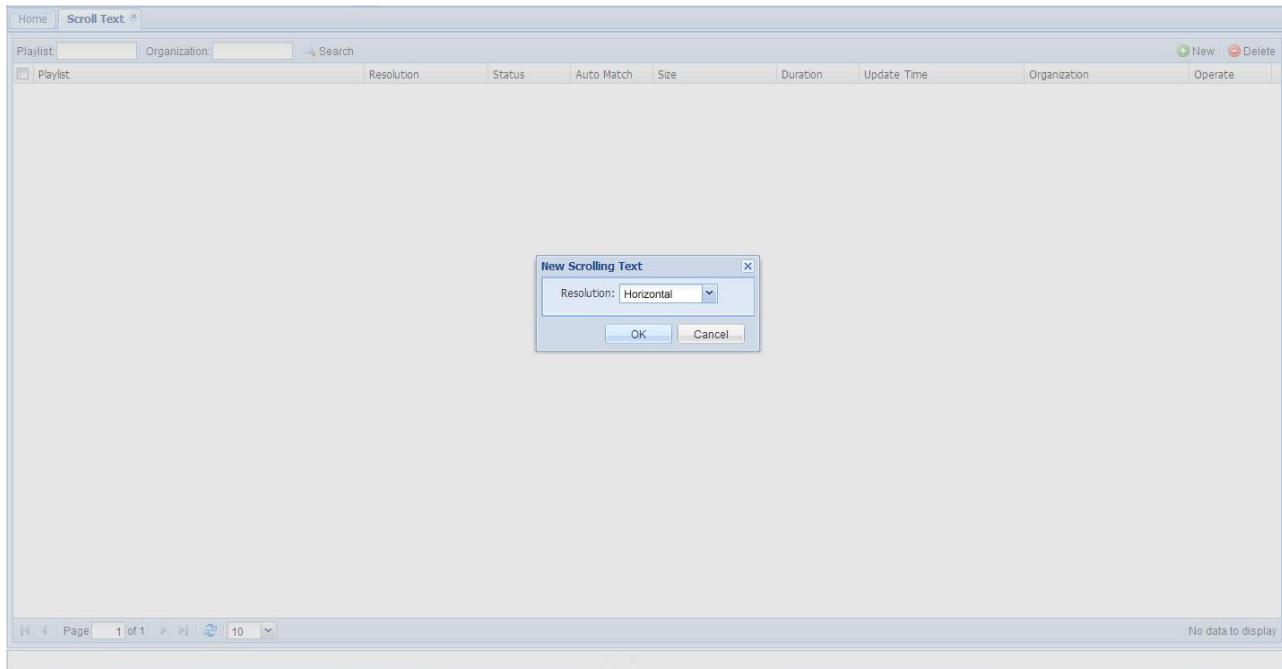
Begin by hovering over the “Program” section of the Top Menu then click on “Message”.



Next, click the “New” button.

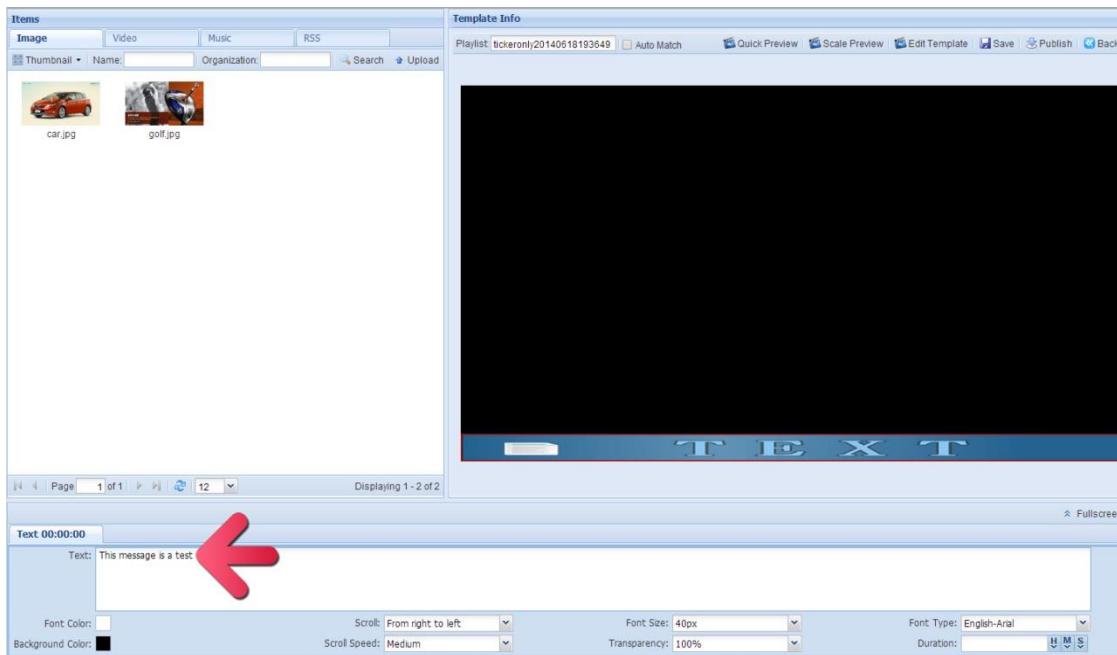


A “New Scrolling Text” box will now appear. If you are sending the message to a portrait screen then select “Vertical”, if you are sending the message to a landscape screen then select “Horizontal”. Once you have done this click “OK”.

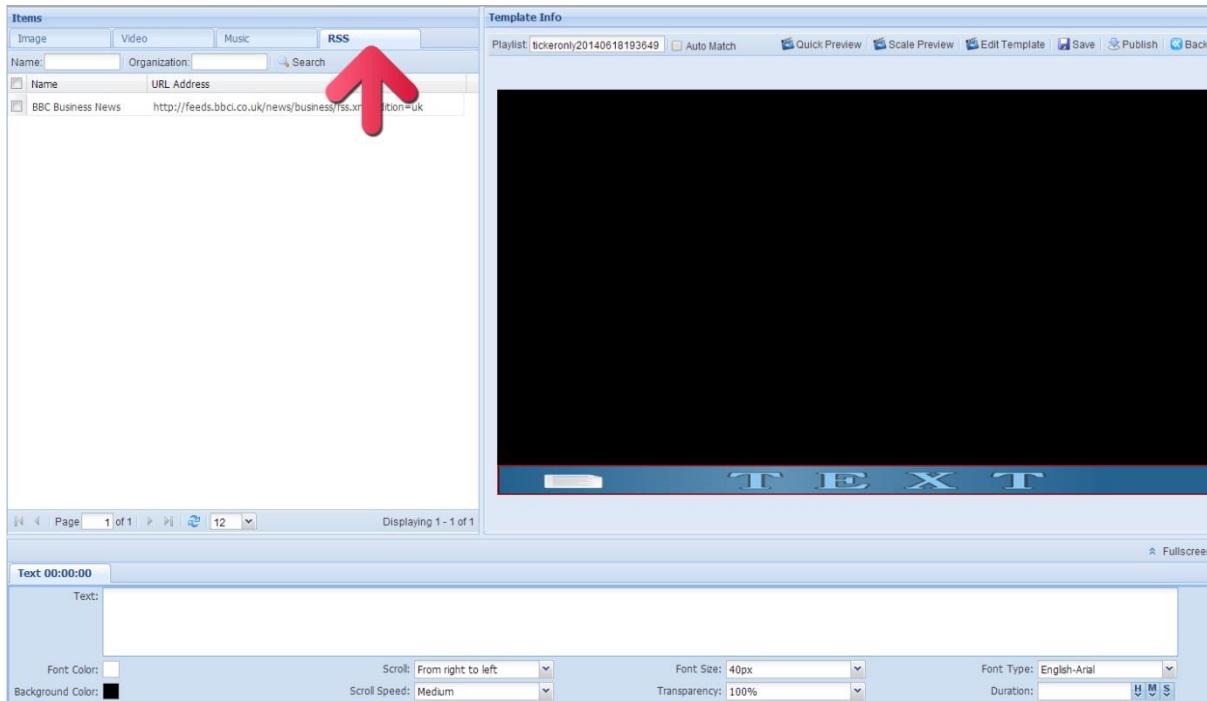


Now you can adjust the font size, scroll direction, scroll speed, transparency and the colours of both the area's background and text.

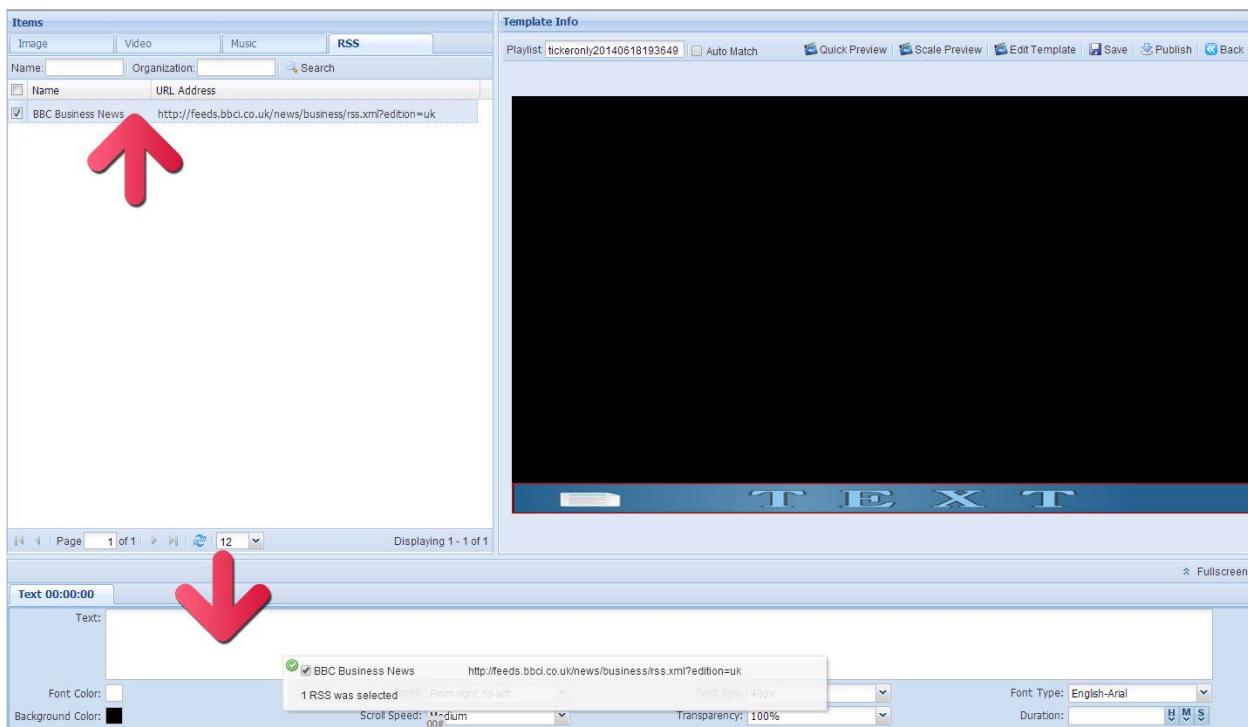
If you wish to add a scrolling message you can simply enter it into the “Text” field.



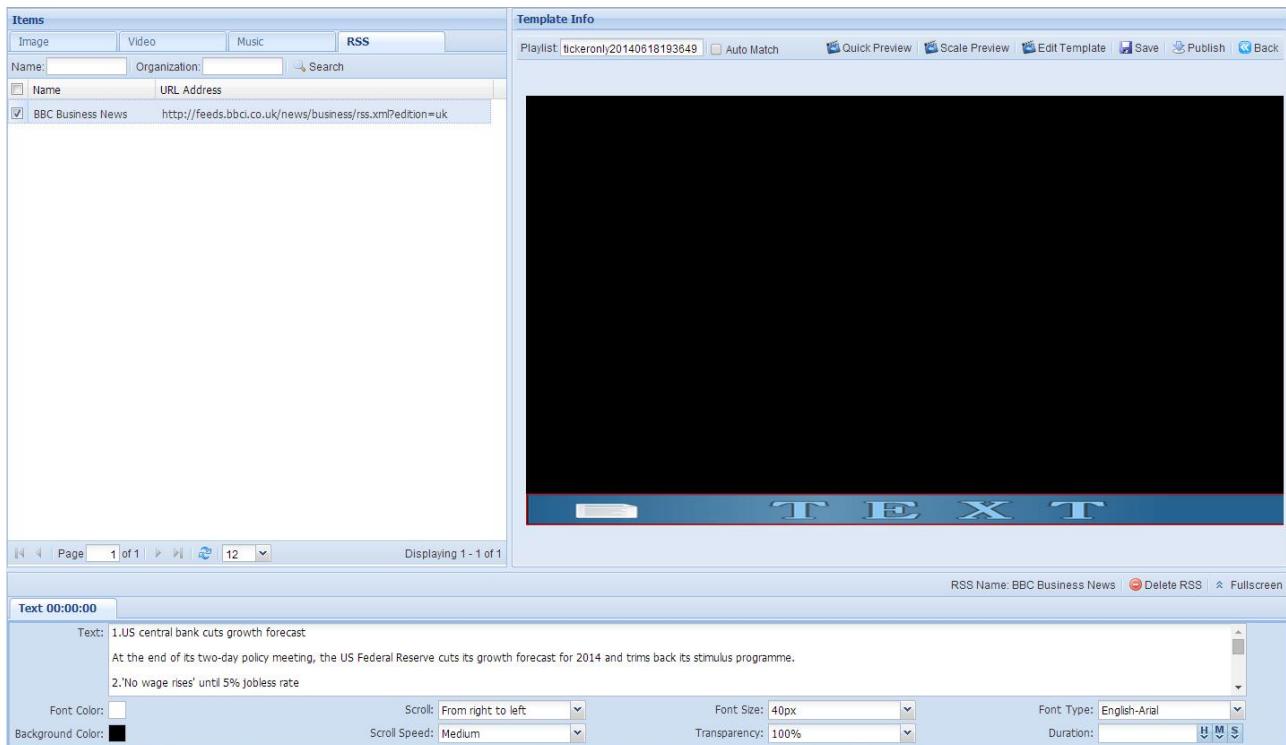
However if you wish to add an RSS feed you must click the “RSS” tab in the “Items” section.



You will now see a list of the RSS feeds that you have previously set up. Drop and drag the feed that you wish to display into the bottom section.



You will now see the text field filled out with your RSS information.



The screenshot shows the TOPAZ CMS software interface. On the left, the 'Items' panel has tabs for Image, Video, Music, and RSS. The RSS tab is selected, showing a list of RSS feeds. One feed is selected: 'BBC Business News' with the URL 'http://feeds.bbci.co.uk/news/business/rss.xml?edition=uk'. Below this is a large black preview area. At the bottom of the preview area, there is a blue bar with the word 'TEXT' in white capital letters. Below the preview area is a toolbar with icons for back, forward, search, and other functions. The status bar at the bottom displays 'Displaying 1 - 1 of 1'. On the right side of the interface, there is a 'Template Info' panel with a 'Playlist' section containing 'tickeronly20140518193649'. It also includes buttons for Quick Preview, Scale Preview, Edit Template, Save, Publish, and Back.

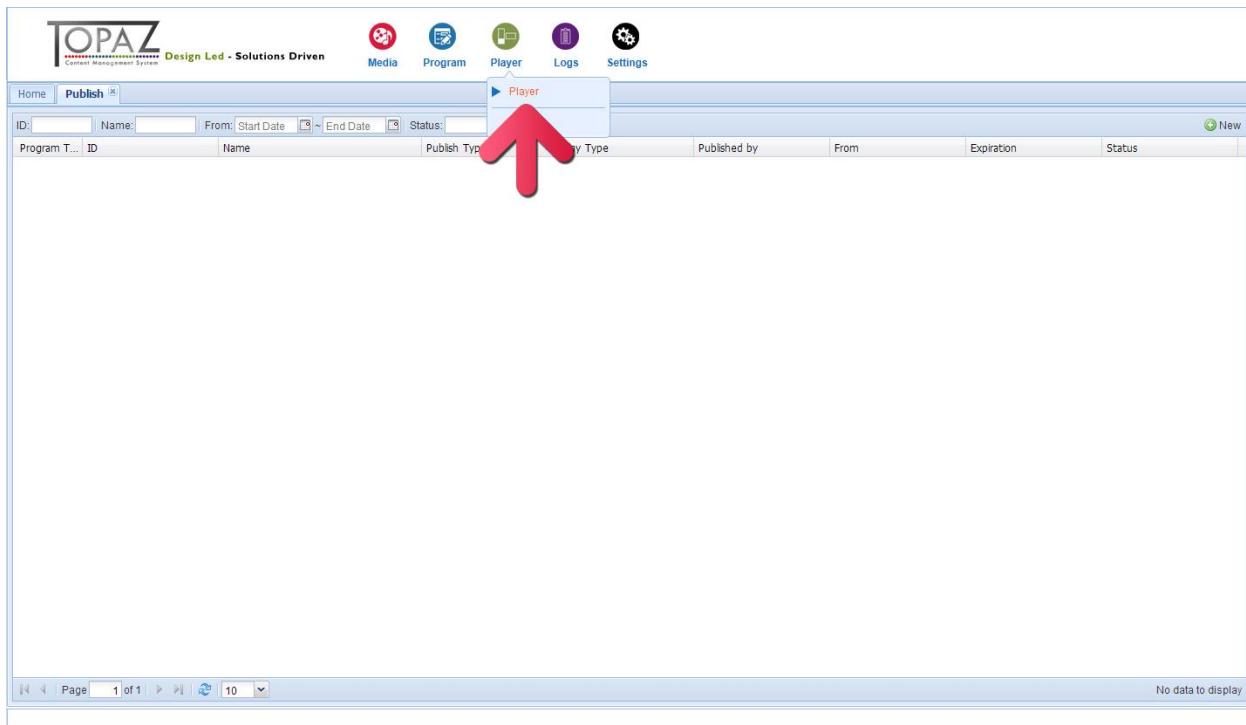
Once you have completed this you can then click the “Publish” button and follow the steps from section 2.3.3.1.

## 2.3 Player

In this section of your CMS you can check screen settings, statuses and control remote functions such as on/off times and volume levels.

### 2.3.1 Player

Begin by hovering over the “Player” section of the Top Menu then click on “Player”. You will see a list of all of your screens.



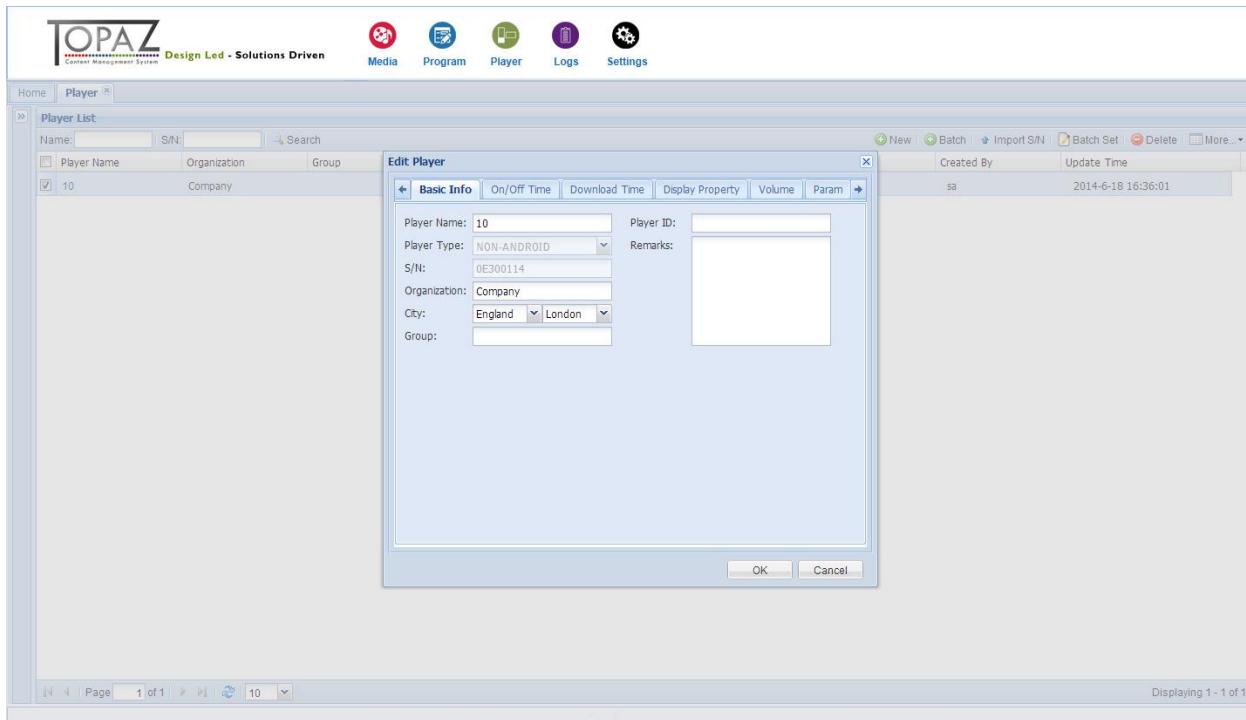
To view or change any settings of any screen begin by right-clicking on the name of the screen you want to edit.

Player Name	Organization	Group	Player ID	S/N	3G Card	Software	Created By	Update Time
10	Company			0E300114		3.2.3E	sa	2014-6-18 16:36:01

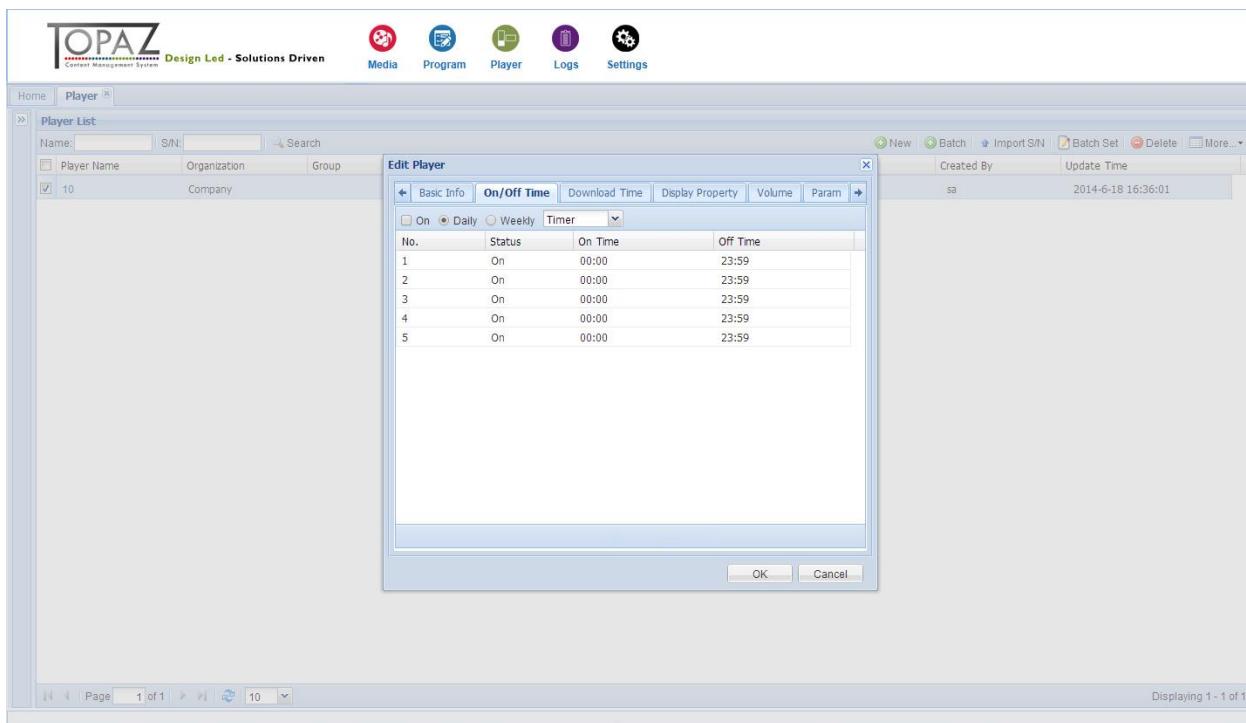
Then click “Edit”.

Player Name	Organization	Group	Player ID	S/N	3G Card	Software	Created By	Update Time
10	Company			0E300114		3.2.3E	sa	2014-6-18 16:36:01

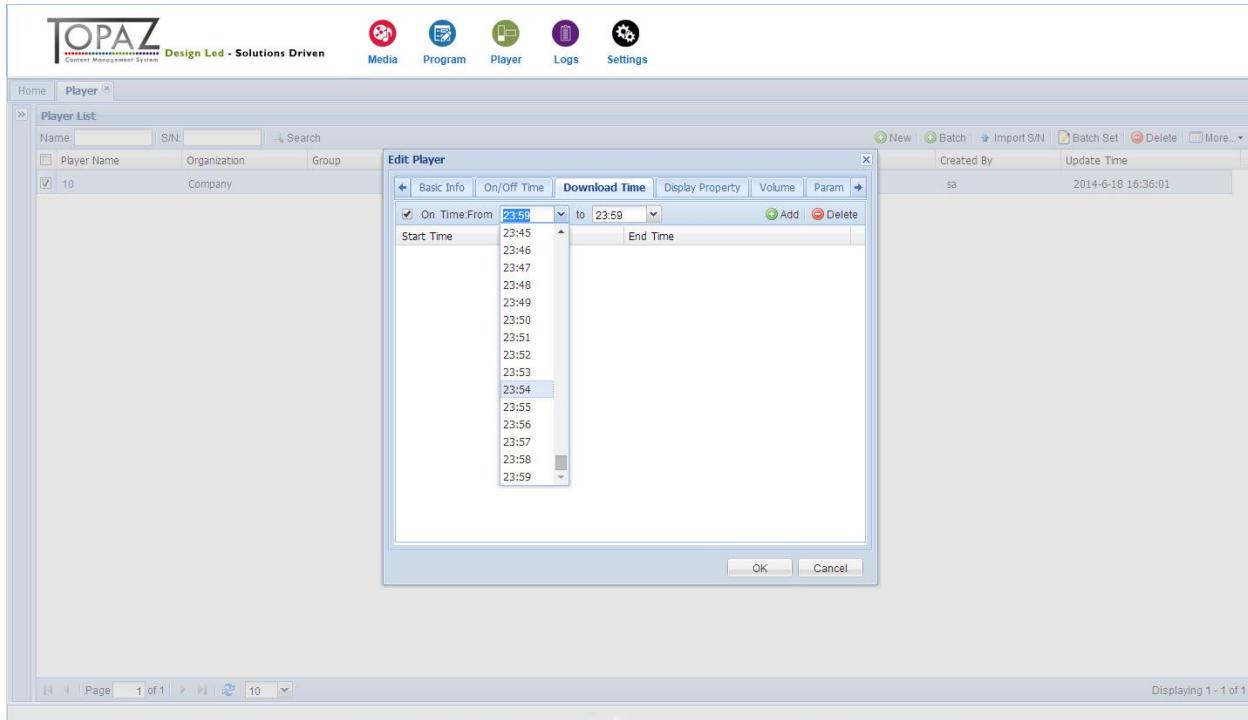
This will bring up the “Edit Player” window. Under the “Basic Info” tab you can edit your screen’s name as well as changing which Organisation it is associated with. You can also assign it to a Player Group.



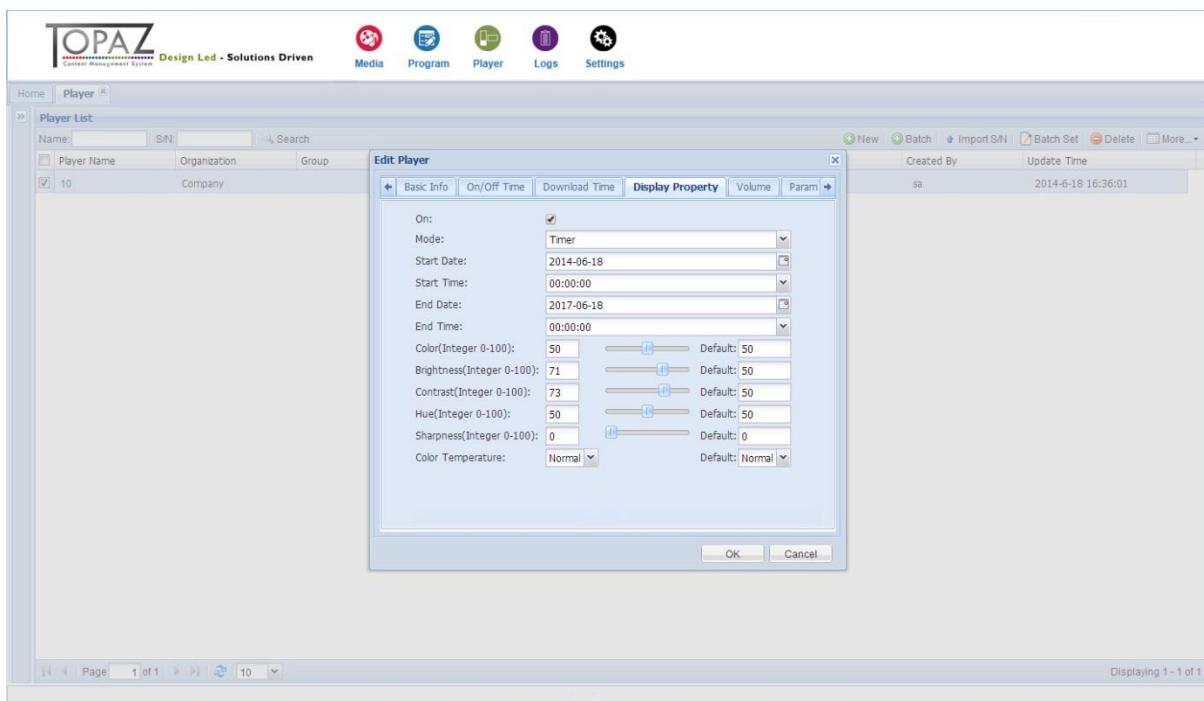
Under the “On/Off Time” tab you can set daily or weekly on and off times for your screen.



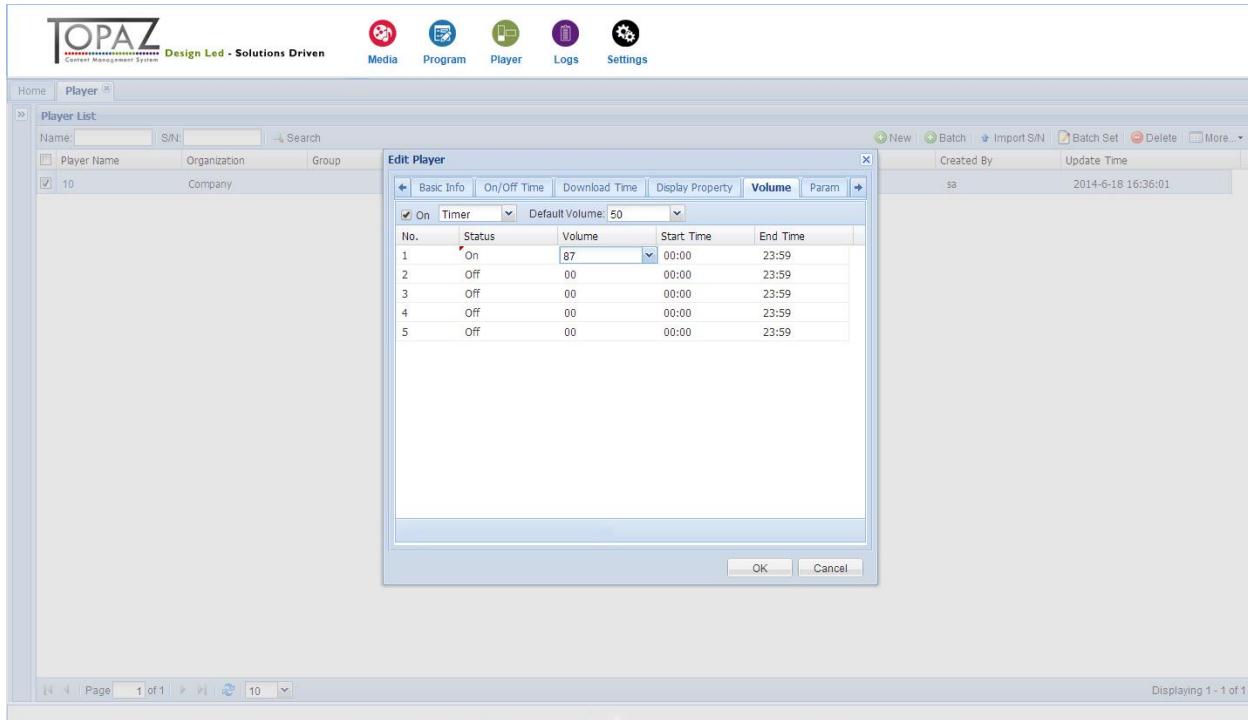
Under the “Download Time” tab you can set download periods for your screen meaning it will only attempt to download new content from the server during this period.



Under the “Display Property” tab you can change your screen’s display settings, such as brightness and contrast, as well as setting time periods when these changes apply.



Under the “Volume” tab you can change your screen’s volume level, as well as setting time periods when these changes apply.

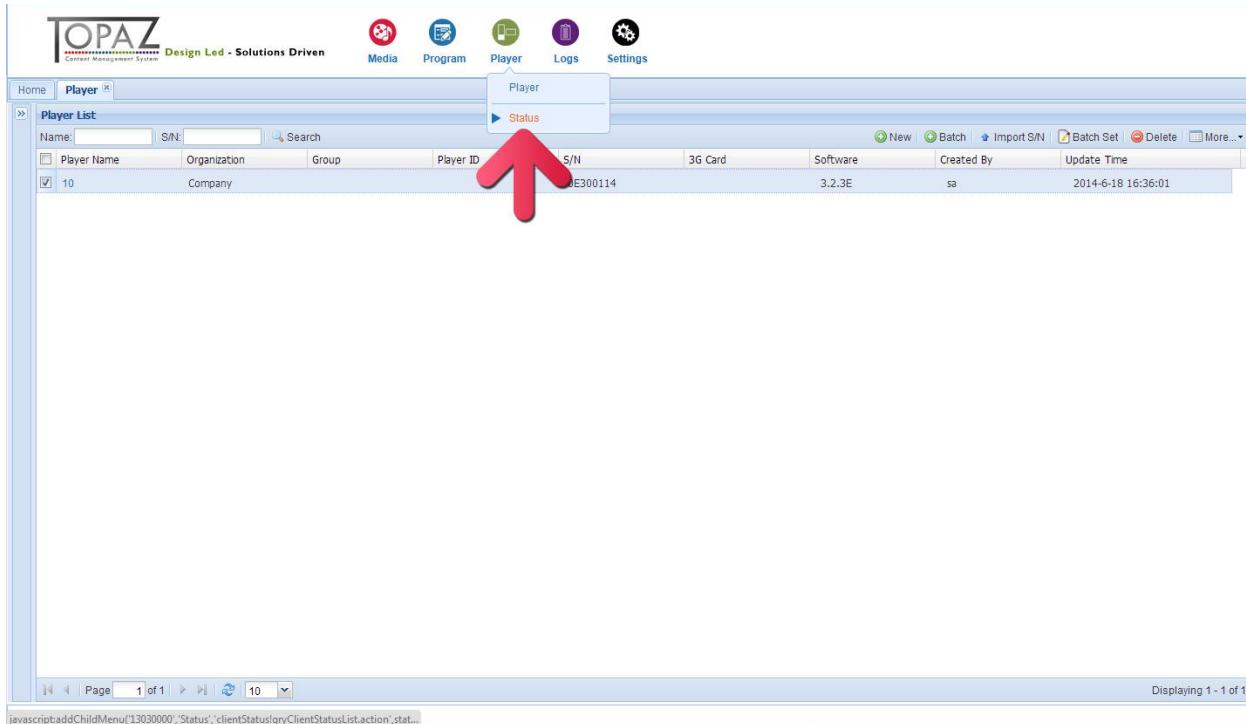


Chen you have finished making changes click “OK”.

You can also change the settings of multiple screens by ticking the checkboxes next to each of the screen name then clicking the “Batch Set” button.

## 2.3.2 Status

Begin by hovering over the “Player” section of the Top Menu then click on “Status”. You will see a list of all of your screens.



From this list you can check the “Player Status”, “Progress” and any other screen properties you may wish to track. The “Player Status” is quite useful as it will show you when screens are loading their content and if any screens are not connected properly. The following list describes all of the possible statuses there can be and what they mean.

### Statuses



Connecting

Your screen is still establishing a connection. This should only be displayed for a few minutes while your screen connects to the server.



Offline

Your screen has not been connected to the server for less than 24 hours. Please make sure your screen is connected to your Wi-Fi network and that your screen has been set up correctly as per the Hardware user manual.



Updating

Your screen has successfully received the content you have sent and is currently processing it in preparation to display it.



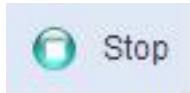
Playing

Your screen is successfully displaying its scheduled content.



Errors

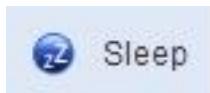
Your screen has crashed or has downloaded corrupted files. Please restart it from the mains and format its internal memory. For full instructions please see section 1.5.6 of the Hardware User Manual.



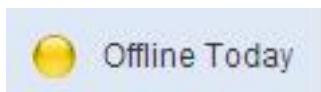
Your screen is currently displaying the Home screen with a message. This is due to the screen being stopped manually with the remote control or because there is incorrectly configured content scheduled to display. Please see Troubleshooting section 3.2 for more information.



Your screen is currently displaying the Home screen and is downloading the content you have sent.



Your screen is in Sleep mode. This is due to the screen being scheduled to Sleep using the remote control or by remotely scheduling the screen to be in Sleep mode for this period.



Your screen has not been connected to the server for 24 hours. Please make sure your screen is connected to your Wi-Fi network and that your screen has been set up correctly as per the Hardware user manual.



Your screen has not been connected to the server for more than a day. Please make sure your screen is connected to your Wi-Fi network and that your screen has been set up correctly as per the Hardware user manual.



Your screen is successfully displaying its scheduled content whilst downloading the content that you have sent it in the background.



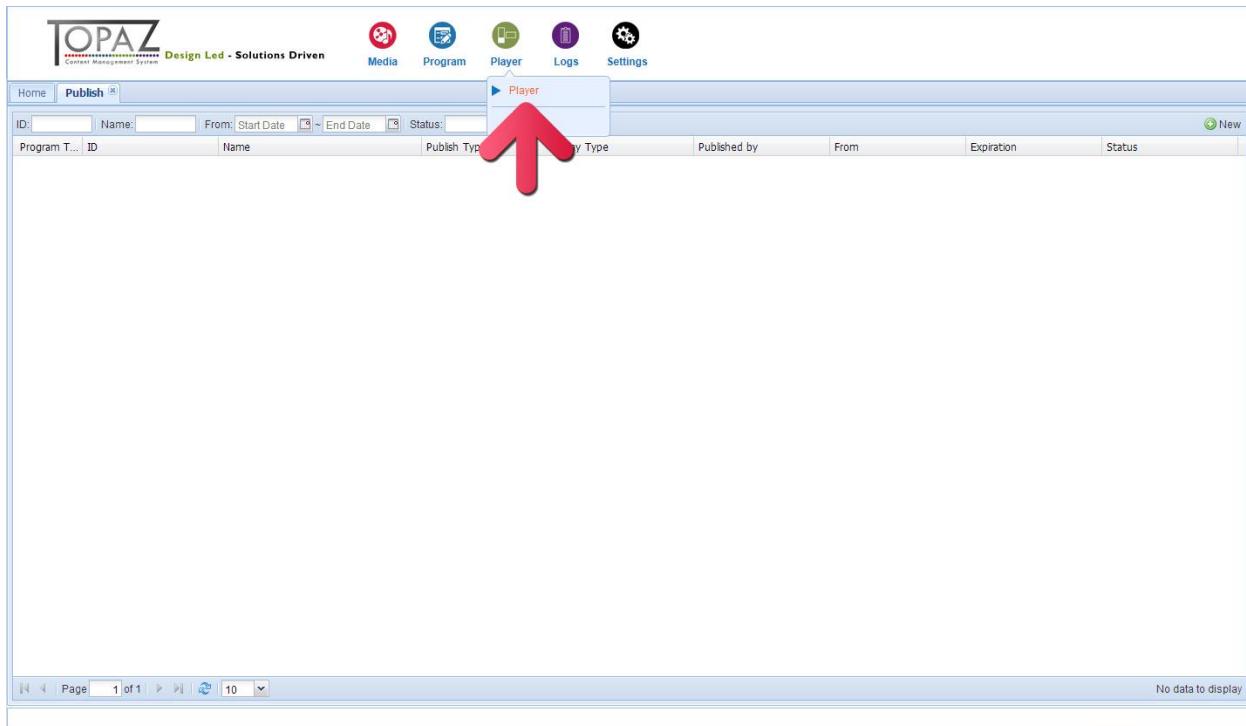
Your screen been loaded onto the system but has not yet made a connection with the server. Please contact your supplier to ensure that it has been successfully licensed to use.

Your “Progress” bar will indicate how much of your media has successfully been transferred to your screen.

### 2.3.3 Creating Groups

You can group your Players together for more convenient updates. For example if you have more than one screen in any given room you may wish to group them together so as you can Publish Playlists to them simultaneously.

Begin by hovering over the “Player” section of the Top Menu then click on “Player”. You will see a list of all of your screens.



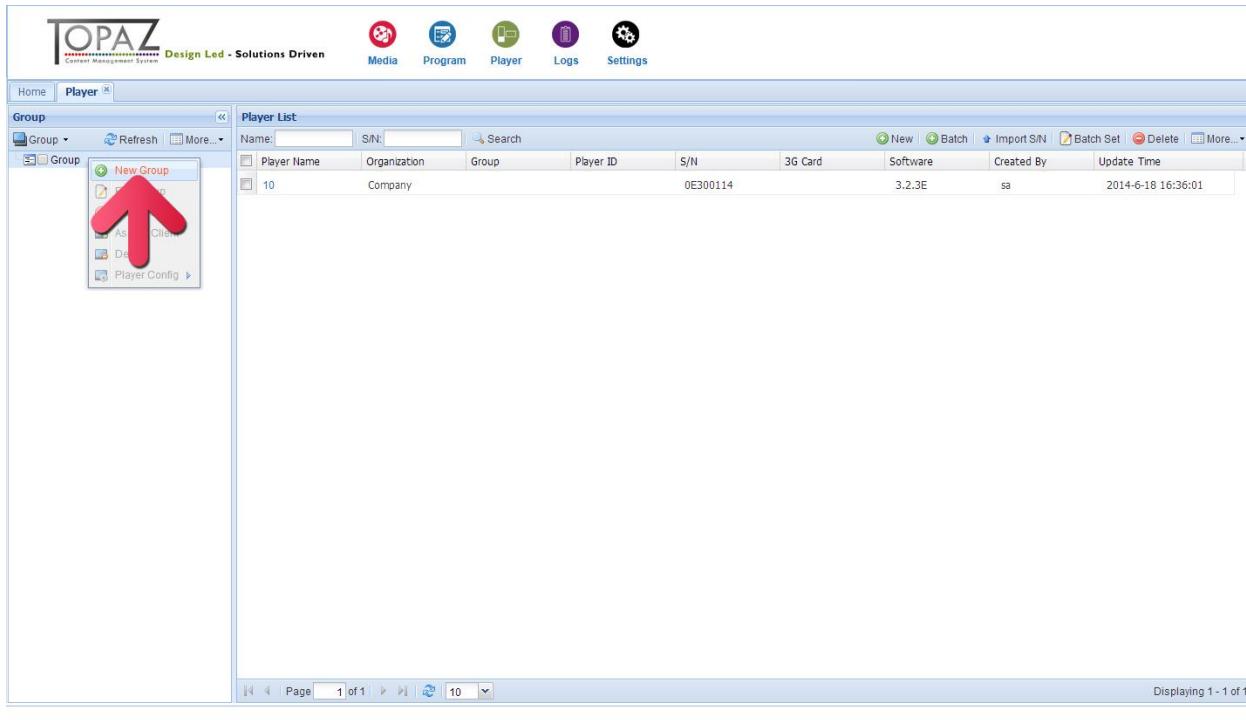
Click the “Expand” button.

The screenshot shows the TOPAZ CMS interface. At the top, there's a navigation bar with the TOPAZ logo, the slogan "Design Led - Solutions Driven", and several icons for Media, Program, Player, Logs, and Settings. Below the navigation bar is a sub-navigation bar with tabs for Home and Player. The Player tab is highlighted with a blue background. The main content area is titled "Player List". It contains a search bar and a table with columns: Player Name, Organization, Group, Player ID, S/N, 3G Card, Software, Created By, and Update Time. There is one entry in the table: Player Name 10, Organization Company, Player ID 0E300114, S/N 3.2.3E, Software 3.2.3E, Created By SA, and Update Time 2014-6-18 16:36:01. At the bottom of the page, there are pagination controls and a message "Displaying 1 - 1 of 1".

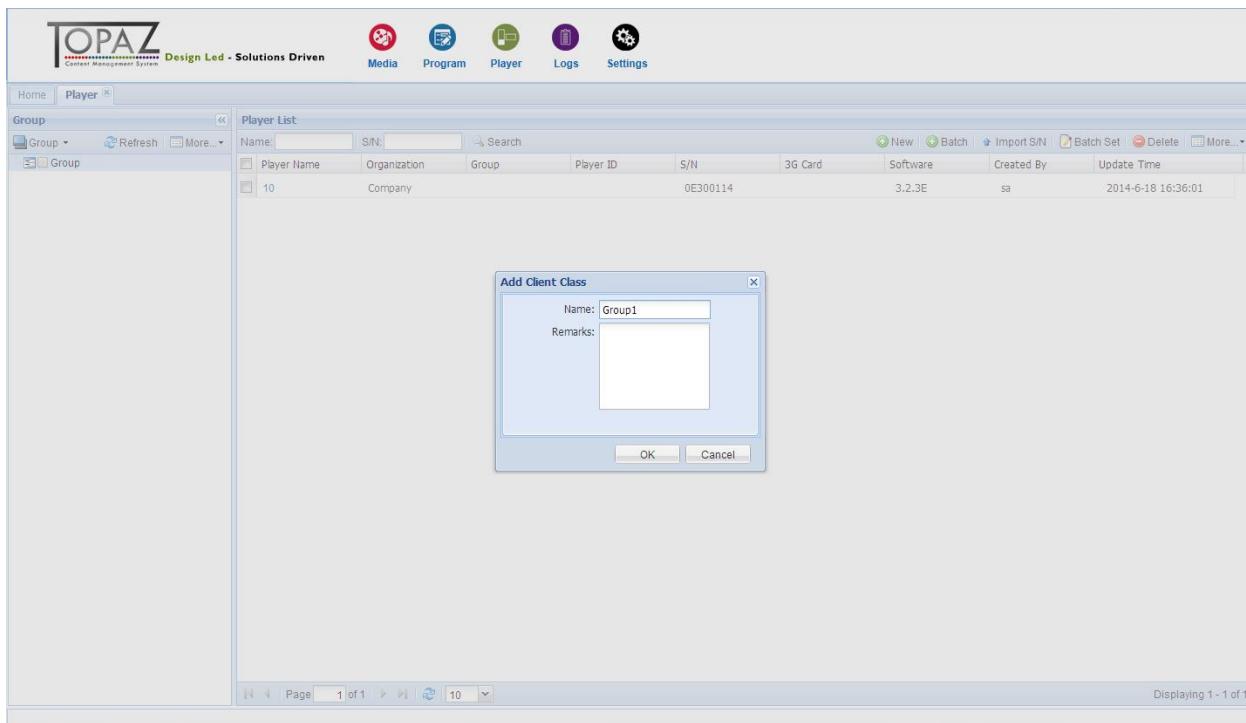
Click the “Organisation” button in the new area, changing the button to “Group”.

This screenshot shows the same interface as the previous one, but with a significant change in the left sidebar. The "Player" tab is still selected. In the sidebar, there is a new section labeled "Organization" with a dropdown menu. The dropdown menu has two items: "Organization" and "Group". The "Organization" item is highlighted with a blue background, while "Group" is in white. The rest of the interface remains the same, with the "Player List" table and its single entry visible in the main content area.

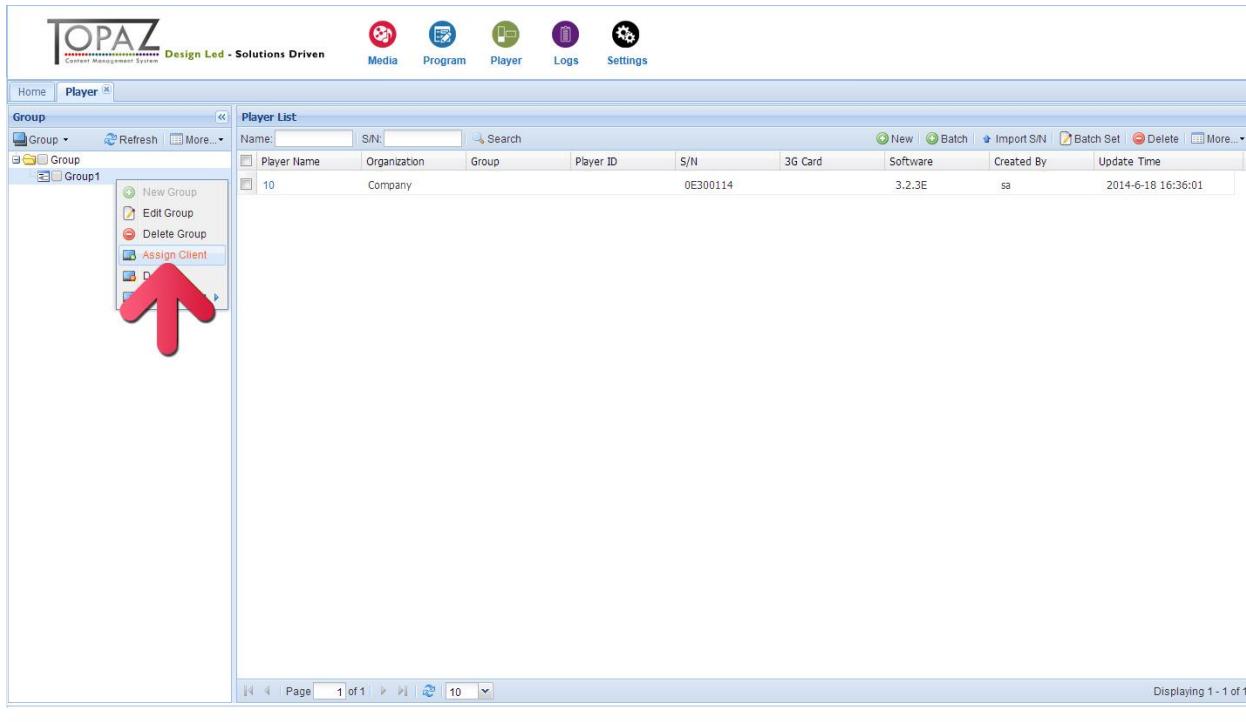
Right click on the “Group” tree then select “New Group”.



Give your Group a name then click “OK”.



Right-click the Group name and select “Assign Client”.



Finally, tick the checkboxes next to the screens you would like to add to this Group then click “OK”.

Alternatively you can assign your players to a Group in the “Edit Player” menu. Please see section 2.3.1.

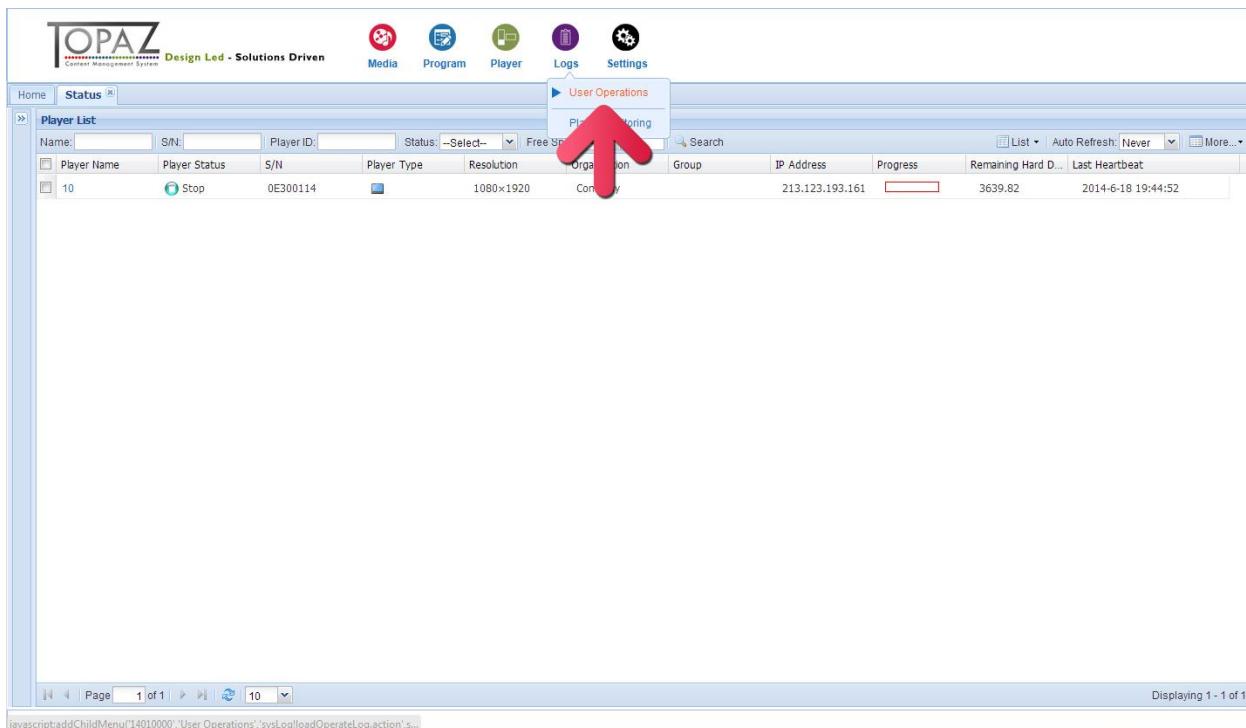
## 2.4 Logs

Here you can view and track the activity of both your users and your screens.

### 2.4.1 User Operations

This section makes it easy for you to monitor your user's operations. You can also keep a record of these logs by exporting the data into a spreadsheet.

Begin by hovering over the “Logs” icon on the Top Menu then click on “User Operations”.



You will then see a list of every action that each user has taken. You can refine your search by Event, Username, Organisation, date or Result.

The screenshot shows the 'User Operations' section of the TOPAZ CMS. At the top, there are search filters for 'Event', 'Operator', 'Organization', 'From: Start Date' to 'End Date', and a 'Result' dropdown. Below the filters is a table with columns: Event, Operator, Organization, IP, Time, and Result. The table lists various actions such as saving and deleting playlists, editing templates, and deleting layouts. The last row shows 'New Template[Layout1]' was deleted at 19:06:46. At the bottom of the table, it says 'Displaying 1 - 10 of 43'.

You can also export these records as an .XLS spreadsheet file. You can do this by clicking the “Export” button.

The screenshot shows the 'Player Monitoring' section of the TOPAZ CMS. At the top, there are search filters for 'Player', 'SN', 'Organization', 'Event', 'From: Start Date' to 'End Date', and a 'Search' button. Below the filters is a table with columns: Player, SN, Organization, Event, and Time. The table lists events for player 10, such as 'Download playlist [playlist20140618130104] ends' and 'Download schedule starts'. An orange arrow points to the 'Export' button located at the top right of the table header. At the bottom of the table, it says 'Displaying 1 - 4 of 4'.

## 2.4.2 Player Monitoring

This section helps you to monitor the activity of all of your screens. You can also keep a record of these logs by exporting the data into a spreadsheet.

Begin by hovering over the “Logs” icon on the Top Menu then click on “Player Monitoring”.

The screenshot shows the TOPAZ CMS software interface. At the top, there is a navigation bar with icons for Media, Program, Player, Logs (which has a dropdown menu), and Settings. Below the navigation bar is a search bar labeled "User Operations". A red arrow points from the text above to the "Logs" icon in the top menu, which is highlighted with a blue box. A secondary red arrow points to the "Player Monitoring" option in the "Logs" dropdown menu, which is also highlighted with a blue box. The main content area displays a table titled "User Operations" with columns for Event, Operator, Organization, IP, Time, and Result. The table lists various log entries, such as "Save Playlist[tickeronly20140618193649]" and "New Playlist[tickeronly20140618193649]", along with their corresponding details like IP address (213.123.193.161) and time (2014-06-18 19:37:40). The bottom of the screen shows a page navigation bar with "Page 1 of 5" and a total of "Displaying 1 - 10 of 43".

Event	Operator	Organization	IP	Time	Result
Save Playlist[tickeronly20140618193649]	user		213.123.193.161	2014-06-18 19:37:40	Success
New Playlist[tickeronly20140618193649]	user	Company	213.123.193.161	2014-06-18 19:36:49	Success
Save Playlist[Playlist1]	user	Company	213.123.193.161	2014-06-18 19:31:07	Success
Save Playlist[Playlist1]	user	Company	213.123.193.161	2014-06-18 19:30:46	Success
New Playlist[playlist20140618191856]	user	Company	213.123.193.161	2014-06-18 19:18:56	Success
Delete Playlist[playlist20140618130104]	user	Company	213.123.193.161	2014-06-18 19:18:30	Success
Edit Template[Layout1]	user	Company	213.123.193.161	2014-06-18 19:17:43	Success
New Template[Layout1]	user	Company	213.123.193.161	2014-06-18 19:07:11	Success
Delete Template[Layout1]	user	Company	213.123.193.161	2014-06-18 19:07:00	Success
New Template[Layout1]	user	Company	213.123.193.161	2014-06-18 19:06:46	Success

You will then see a list of every action that each screen has taken. You can refine your search by Player, SN, Organisation, Event or date.

The screenshot shows the 'Player Monitoring' section of the TOPAZ CMS interface. At the top, there are navigation links: Home, Player Monitoring (which is selected), Media, Program, Player, Logs, and Settings. Below the header is a search bar with fields for Player, SN, Organization, Event, From/Start Date, To/End Date, and a Search button. An 'Export' button is located at the top right of the table area. The main content is a table with columns: Player, SN, Organization, Event, and Time. The data shows four entries for Player 10, all related to the SN 0E300114 and Organization Company. The events listed are 'Download playlist [playlist20140618130104] ends', 'Download playlist [playlist20140618130104] starts', 'Download schedule ends', and 'Download schedule starts'. The time for these events is 2014-06-18 16:38:01. At the bottom of the table, there are page navigation buttons and a message indicating 'Displaying 1 - 4 of 4'.

You can also export these records as an .XLS spreadsheet file. You can do this by clicking the “Export” button.

The screenshot shows the 'User Operations' section of the TOPAZ CMS interface. At the top, there are navigation links: Home, User Operations (which is selected), Media, Program, Player, Logs, and Settings. Below the header is a search bar with fields for Event, Operator, Organization, From/Start Date, To/End Date, Result, and a Search button. An 'Export' button is located at the top right of the table area. The main content is a table with columns: Event, Operator, Organization, IP, Time, and Result. The data shows various user operations such as saving playlists, deleting templates, and editing layouts. All operations are performed by the user operator and result in success. The time for these operations ranges from 2014-06-18 19:37:40 to 2014-06-18 19:06:46. At the bottom of the table, there are page navigation buttons and a message indicating 'Displaying 1 - 10 of 13'.

## 2.5 Settings

The functions available in this section are administrator tools, allowing you to set up Organisations and effectively control your Users and their Roles.

### 2.5.1 Organisation

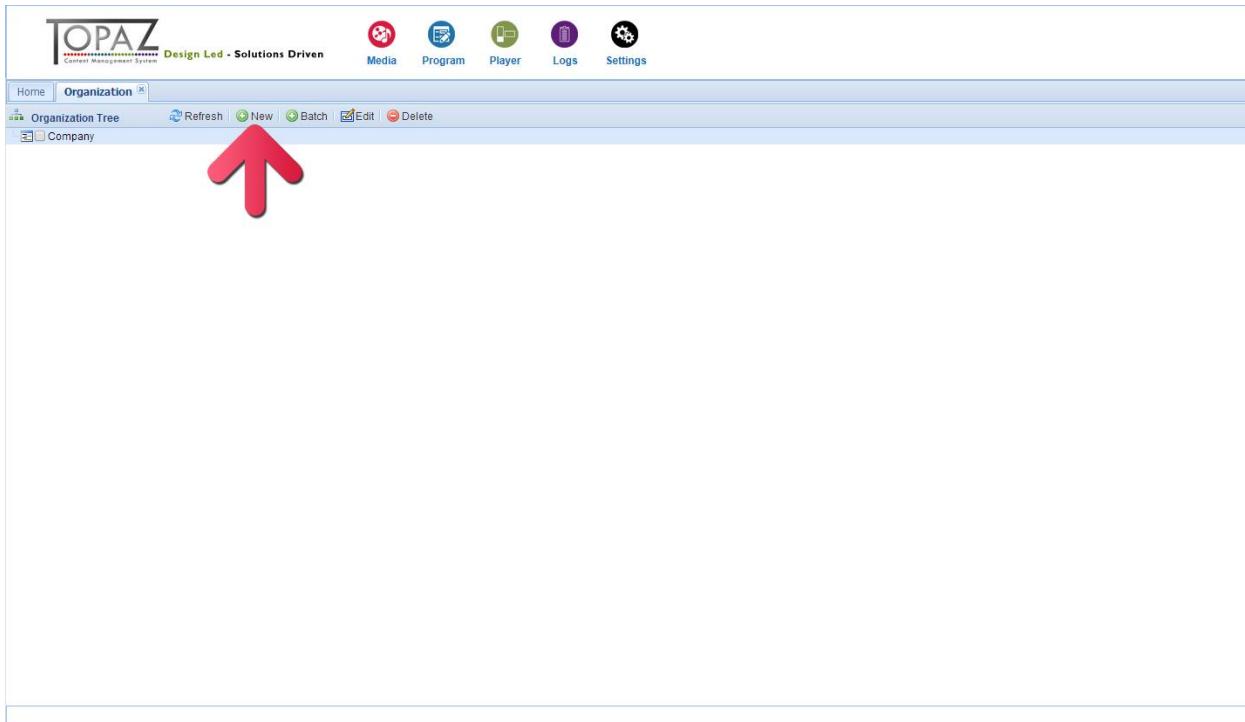
If you have a large number of users or have separate customers you may wish to create Organisations for them to be grouped under. You can create as many Organisations and Sub-Organisations as you want to help organise your users.

Begin by hovering over the “Settings” icon on the Top Menu then click on “Organisation”.

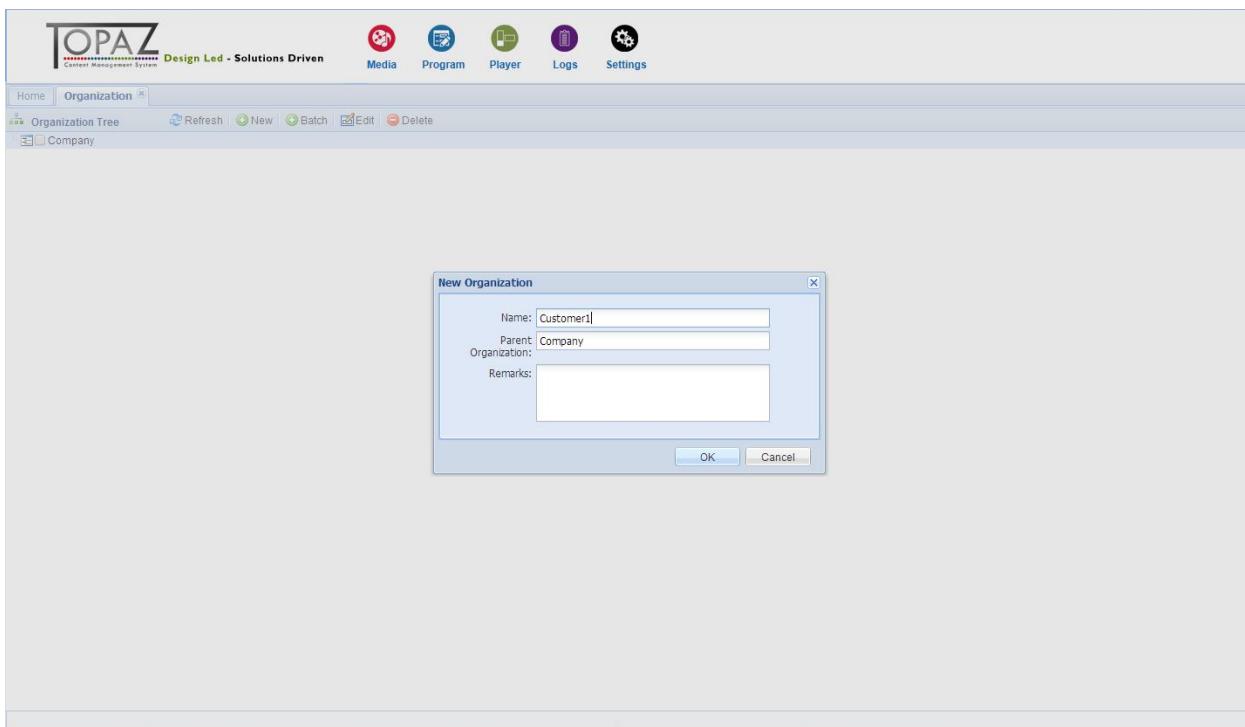
The screenshot shows the TOPAZ CMS Player Monitoring interface. At the top, there is a navigation bar with icons for Media, Program, Player, Logs, and Settings. The 'Settings' icon is highlighted with a red arrow pointing to it. Below the navigation bar, there is a search bar with fields for 'Player', 'SN', 'Organization', and 'Event'. A dropdown menu labeled 'Organization' is open, showing a list of organizations. The main content area displays a table of events for a specific player. The table has columns for Player, SN, Organization, Event, and Time. The events listed are: 'Download playlist [playlist2014-06-18T13:01:04] ends' at 2014-06-18 16:38:01, 'Download playlist [playlist2014-06-18T13:01:04] starts' at 2014-06-18 16:38:01, 'Download schedule ends' at 2014-06-18 16:37:57, and 'Download schedule starts' at 2014-06-18 16:37:57. At the bottom of the page, there is a pagination bar showing 'Page 1 of 1' and a status message: 'Displaying 1 - 4 of 4'.

Player	SN	Organization	Event	Time
10	0E300114	Company	Download playlist [playlist2014-06-18T13:01:04] ends	2014-06-18 16:38:01
10	0E300114	Company	Download playlist [playlist2014-06-18T13:01:04] starts	2014-06-18 16:38:01
10	0E300114	Company	Download schedule ends	2014-06-18 16:37:57
10	0E300114	Company	Download schedule starts	2014-06-18 16:37:57

Next, click the “New” button.



Give your Organisation a name. If you are setting up a sub-Organisation then select a Parent Organisation.



You will now see a list of your Organisations.

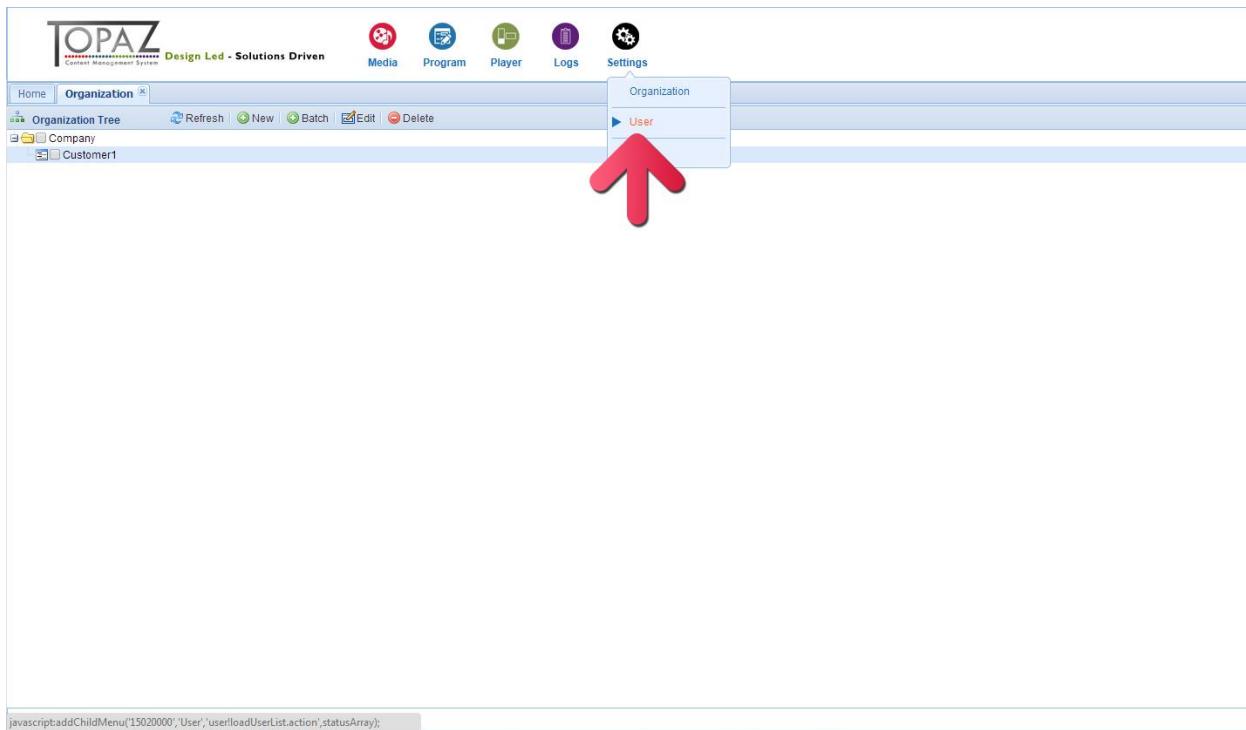
The screenshot shows the TOPAZ CMS software interface. At the top, there is a navigation bar with the TOPAZ logo, the slogan "Design Led - Solutions Driven", and links for Media, Program, Player, Logs, and Settings. Below the navigation bar is a breadcrumb menu with "Home" and "Organization". A toolbar below the breadcrumb menu includes icons for Refresh, New, Batch, Edit, and Delete. The main content area displays a tree view titled "Organization Tree" with a single node "Company" expanded, showing a child node "Customer1". At the bottom of the screen, there is a status bar with the JavaScript code: "javascript:addChildMenu('15020000','User','user!loadUserList.action',statusArray);".

## 2.5.2 User

Here you can create new User accounts for each of your Organisations. You can create as many User accounts, for each of your Organisations, as you like. You can also assign Users with different Roles, controlling their access to each section of the Top Menu.

**NOTE: When creating your first User accounts please begin by setting up the Role you would like to use first by following the steps in the next section (2.5.3).**

Begin by hovering over the “Settings” icon on the Top Menu then click on “User”.



Next, click the “New” button.

User Name	Role	Organization	Player Type	User Type	No. of Players	Created By	Update Time
user	user1	Company	PC	Administrator	1	sa	2014-6-18 12:48:12

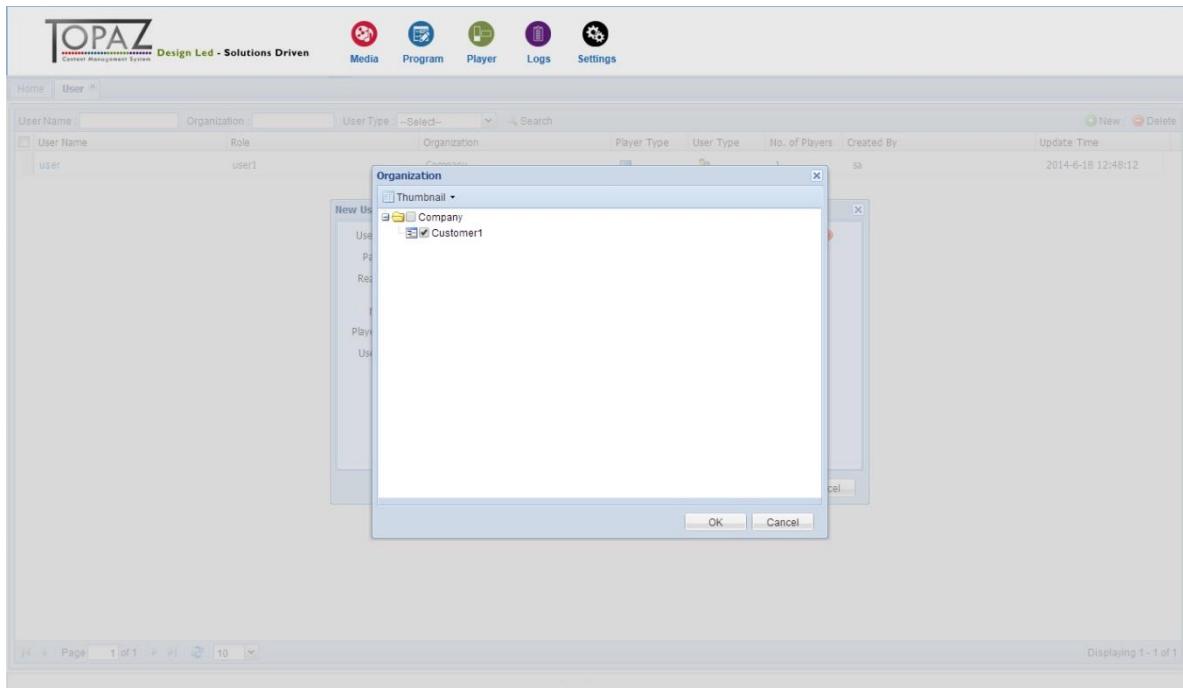
This will bring up the “New User” window. Give the account a Username, Password then confirm the Password. Next, Click on the Organisation field.

New User
 

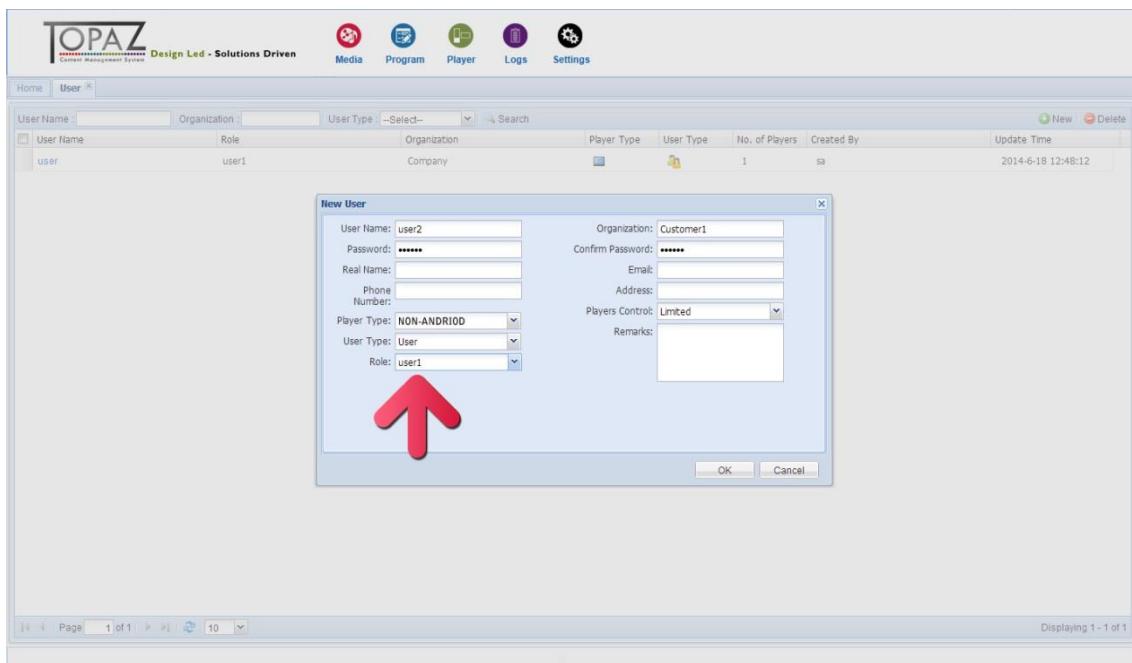
User Name:	user2	Organization:	Enter organization
Password:	*****	Confirm Password:	*****
Real Name:		Email:	
Phone Number:		Address:	
Player Type:	NON-ANDROID	Players Control:	Limited
User Type:	User	Remarks:	
Role:	Please choose a role.		

**NOTE: Please make sure to keep a record of these details as you cannot view this password again, only reset it.**

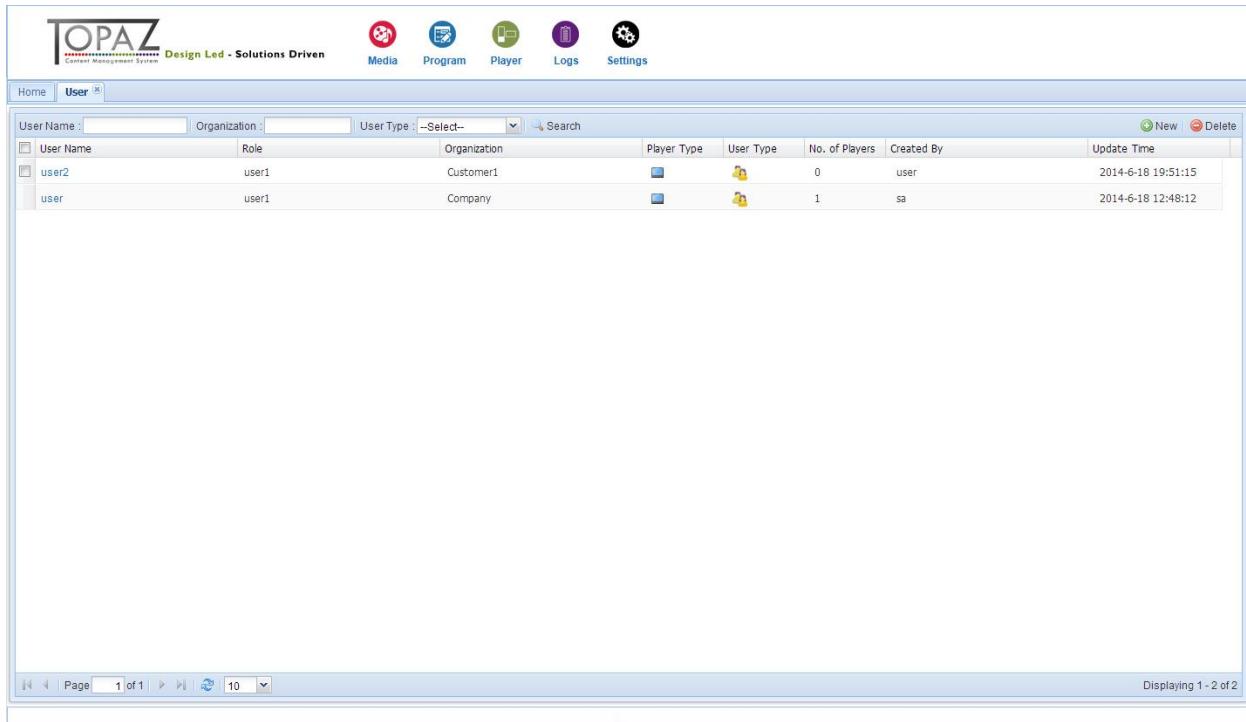
You will then see the Organisation window. Select which Organisation you want this User to be under from the tree of Organisations that you have created.



Next, select a Role. If you have not set up any Roles, please see section 2.5.3 Roles.



Finally you must select which screens the User has control over. If you want this account to have control over all screens then select “All”, however if you want to limit their control to a restricted number of screens select “Limited”.



User Name	Role	Organization	Player Type	User Type	No. of Players	Created By	Update Time
user2	user1	Customer1	TV	Customer	0	user	2014-6-18 19:51:15
user	user1	Company	TV	Customer	1	sa	2014-6-18 12:48:12

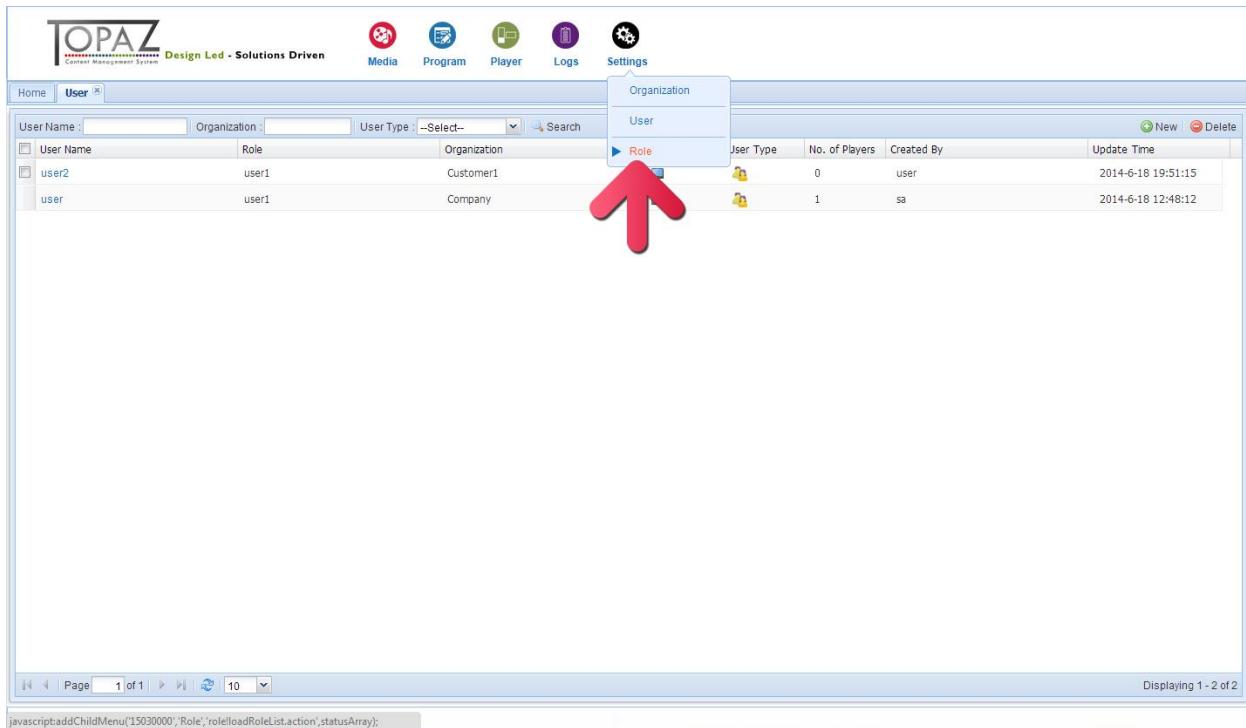
To assign screens to this User, right-click the Username and select “Add”.

Tick the checkboxes next to the screens that you would like this user account to have control over then click “OK”.

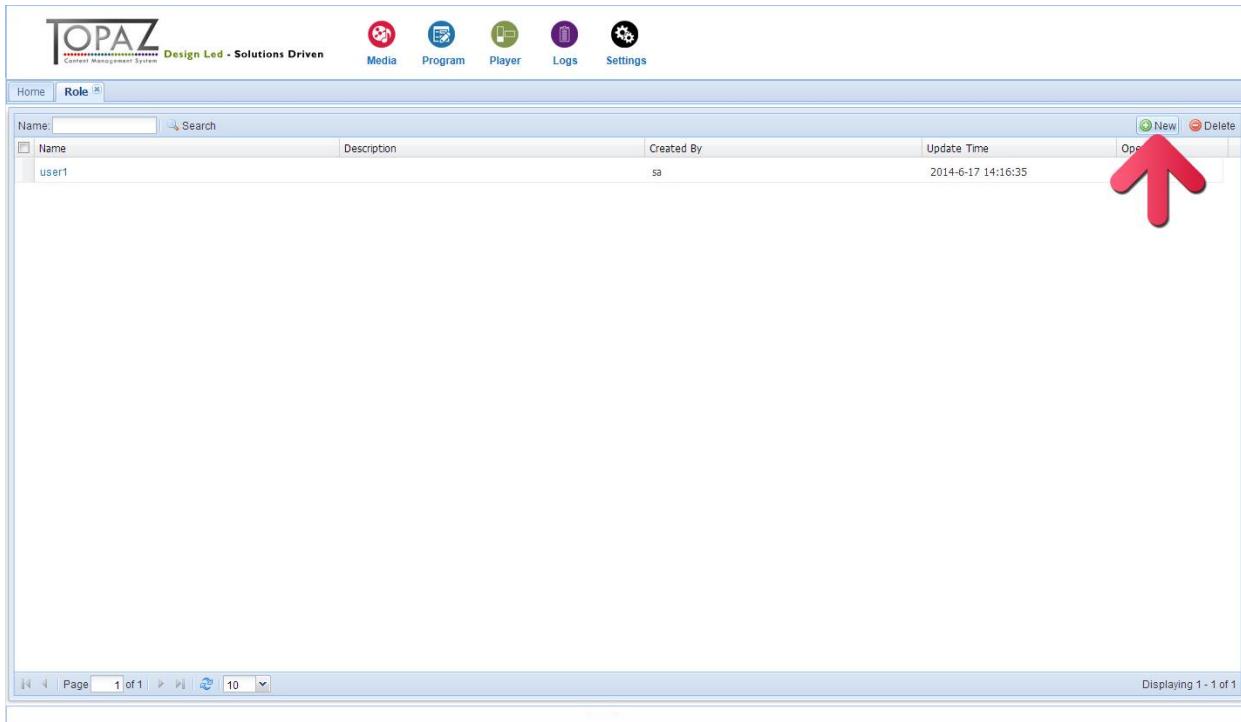
### 2.5.3 Role

This is where you set up your User's permissions, controlling their access to each section of the Top Menu and its tools. Once you have created a Role you can then assign it to a User's account.

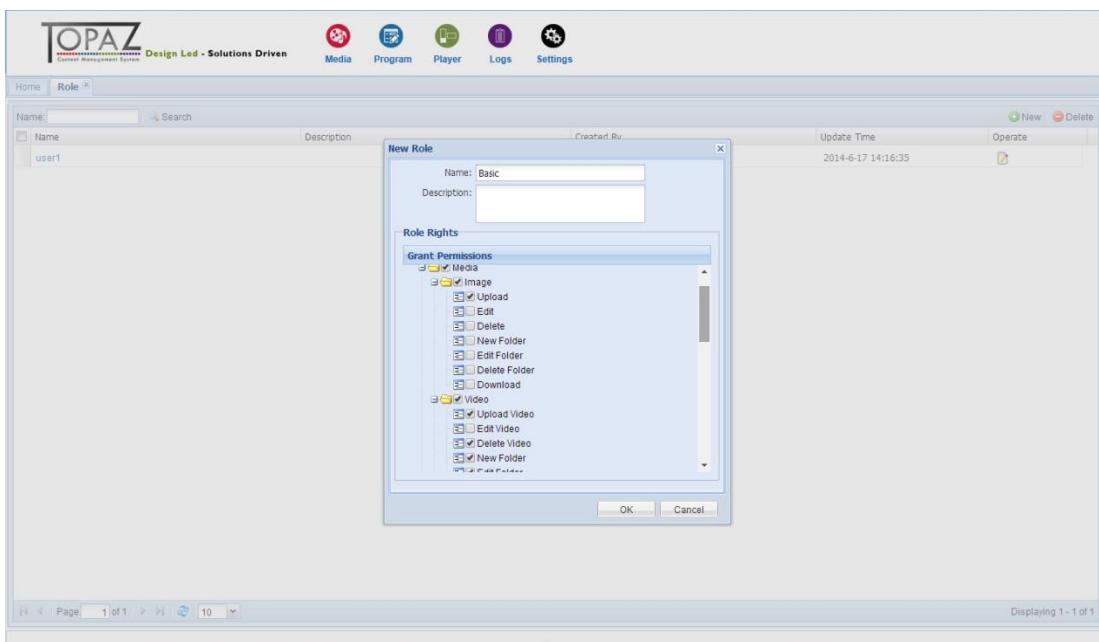
Begin by hovering over the “Settings” icon on the Top Menu then click on “Role”.



Next, click the “New” button.

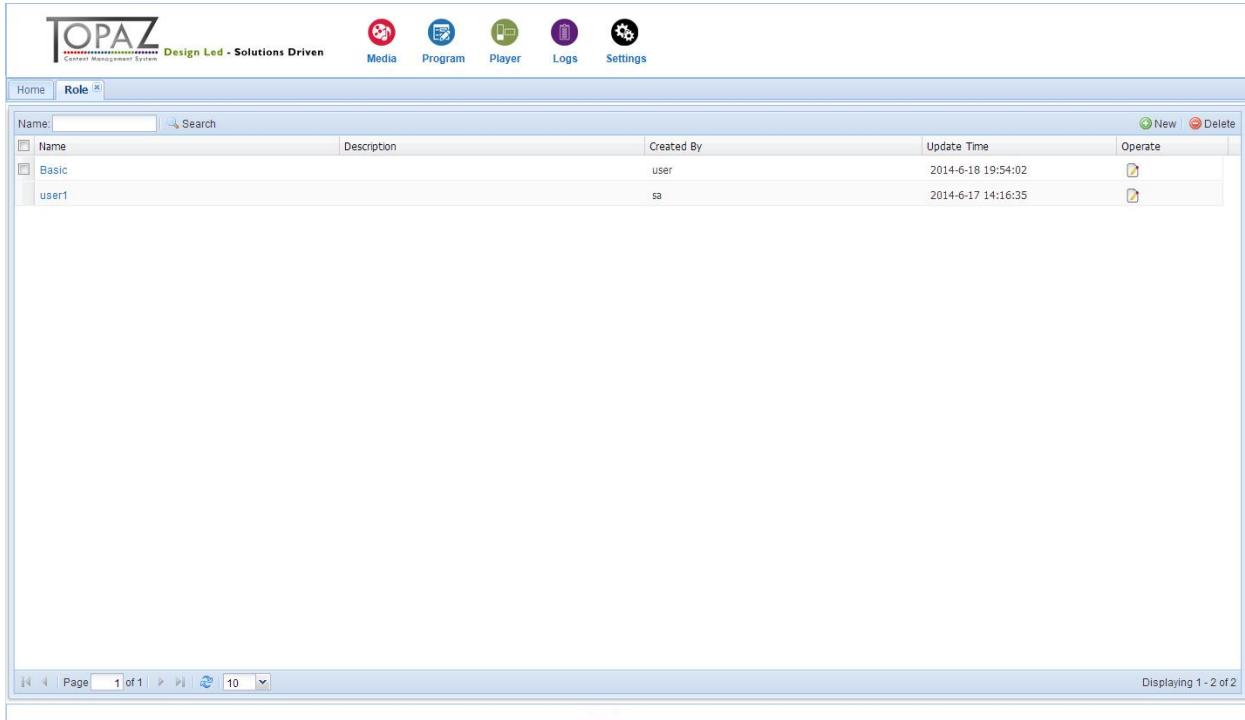


Then give your Role a name. You must now set the permissions of this Role. This will determine what sections of the CMS your User will have access to. You may find it easier to tick the “All Permissions” checkbox then untick the areas that you do not want this Role to have access to.



When you have finished assigning permissions to this Role, click “OK”.

You will now see a list of your Roles.



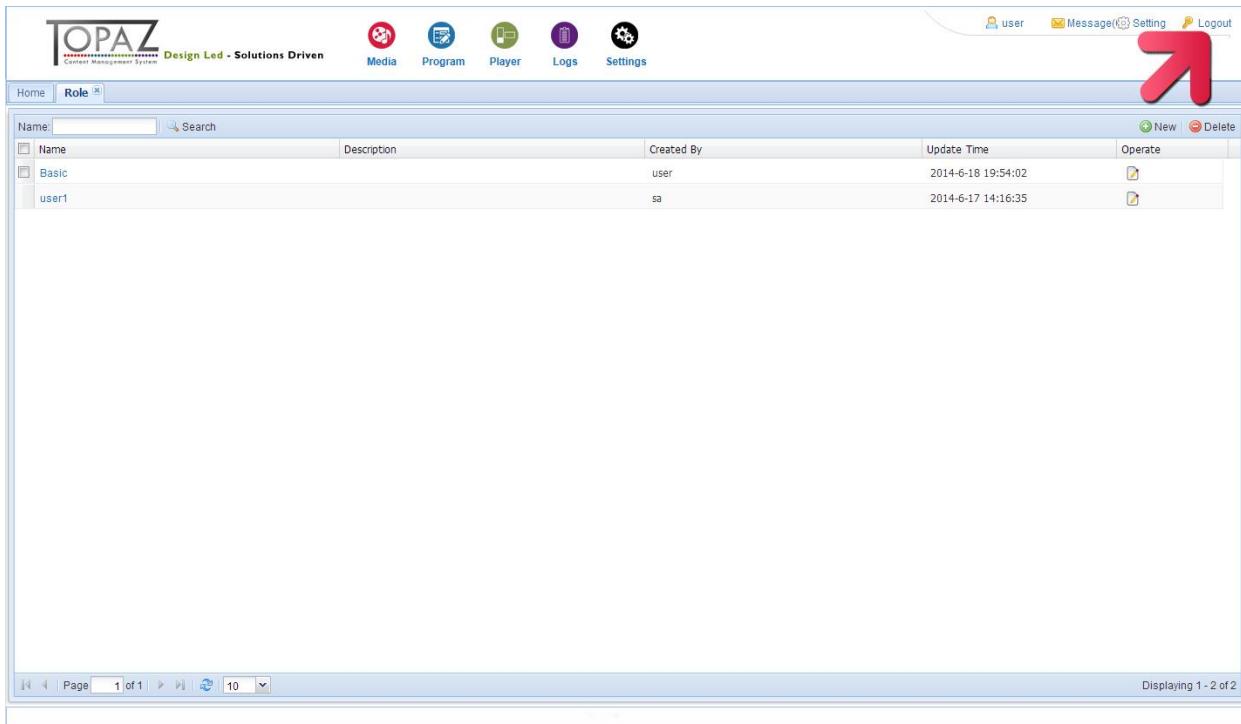
The screenshot shows the TOPAZ CMS software interface for managing roles. At the top, there's a navigation bar with icons for Media, Program, Player, Logs, and Settings. Below that is a breadcrumb navigation showing 'Home' and 'Role'. A search bar labeled 'Search' is present. The main area is a table listing roles:

Name	Description	Created By	Update Time	Operate
Basic		user	2014-6-18 19:54:02	
user1		sa	2014-6-17 14:16:35	

At the bottom of the table, there are buttons for 'New' and 'Delete'. Below the table, there are navigation controls for 'Page' (1 of 1), 'Rows per page' (10), and a status message 'Displaying 1 - 2 of 2'.

## 2.6 Logging Out

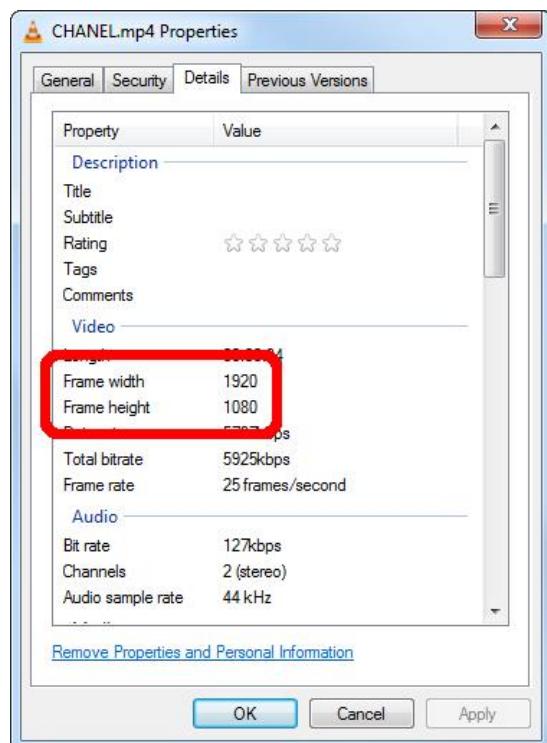
To log out of the CMS is very simple. Click “Logout”, which is located on the top right hand corner of your CMS interface.



### 3. F.A.Qs and Troubleshooting Guide

#### 3.1 My video/images are squashed or distorted on my screen or have back boarders

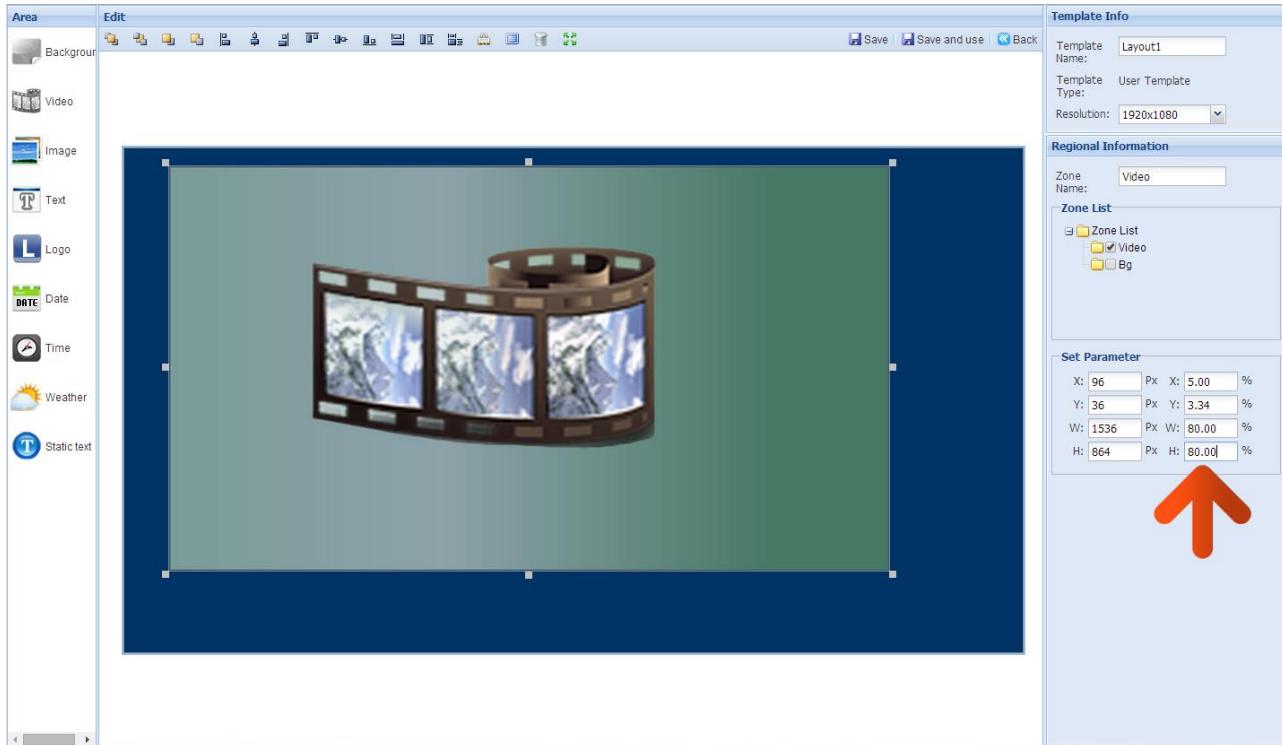
The most likely reason for this is that the video or image file's aspect ratio does not match that of the media zone that it is in. Start by checking the dimensions of your video or image file. You can do this by right-clicking on the file and selecting "Properties". Then highlight the "Details" tab, there it should tell you the width and height of the media file in pixels.



In this case the video is 1920x1080 pixels. In "Template" when creating a media zone for this video make sure you set the horizontal and vertical percentages the same.

You can size your media zones accurately by entering values into the input area on the right hand side of the interface.

If you want your image file to fill your image zone you can set the “Fill Effect” to “Scale” when creating your Playlist. This will cause distortion to your image.



As shown above, the video zone has been resized, both vertically and horizontally, to 80% of the total layout.

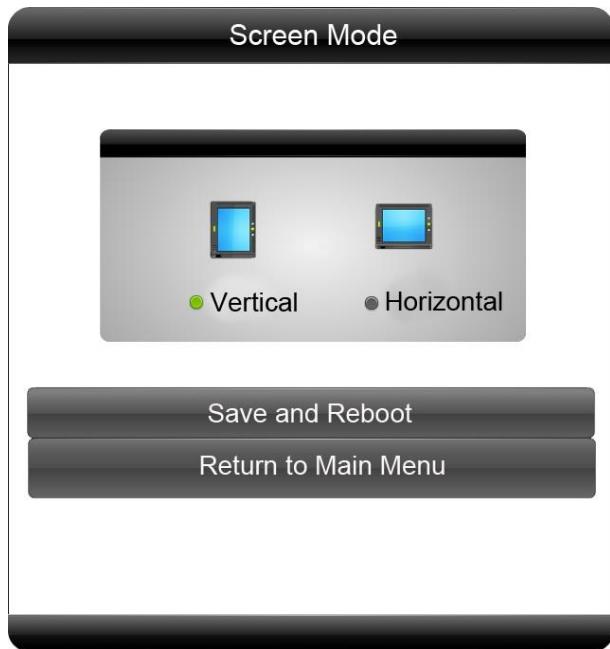
### 3.2 Why is my screen displaying "Error (Screen Mode Unmatch)"?

If you have published a playlist and your screen is now displaying "Playlist: Error (Screen Mode Unmatch)" it is because you have sent a playlist containing a template that is in the wrong orientation.

This can be easily solved by first checking the orientation of your screen. If your blue "Home" screen is displaying in Landscape orientation it is in Horizontal mode, if it is displaying in Portrait orientation your screen has been set to Vertical mode. If it is displaying in the incorrect orientation you can change it from the Main Menu.

- I. If your screen is playing content begin by pressing "Stop" on your remote control, this should take you back to the "Home" screen. Now press "Setup" on your remote and navigate down to "Screen Mode" and press "Play" on your remote. From here you can select the correct orientation for your screen. Do so by using the left or right button on your remote then

highlight "Save and Reboot" and press "Play" on your remote.

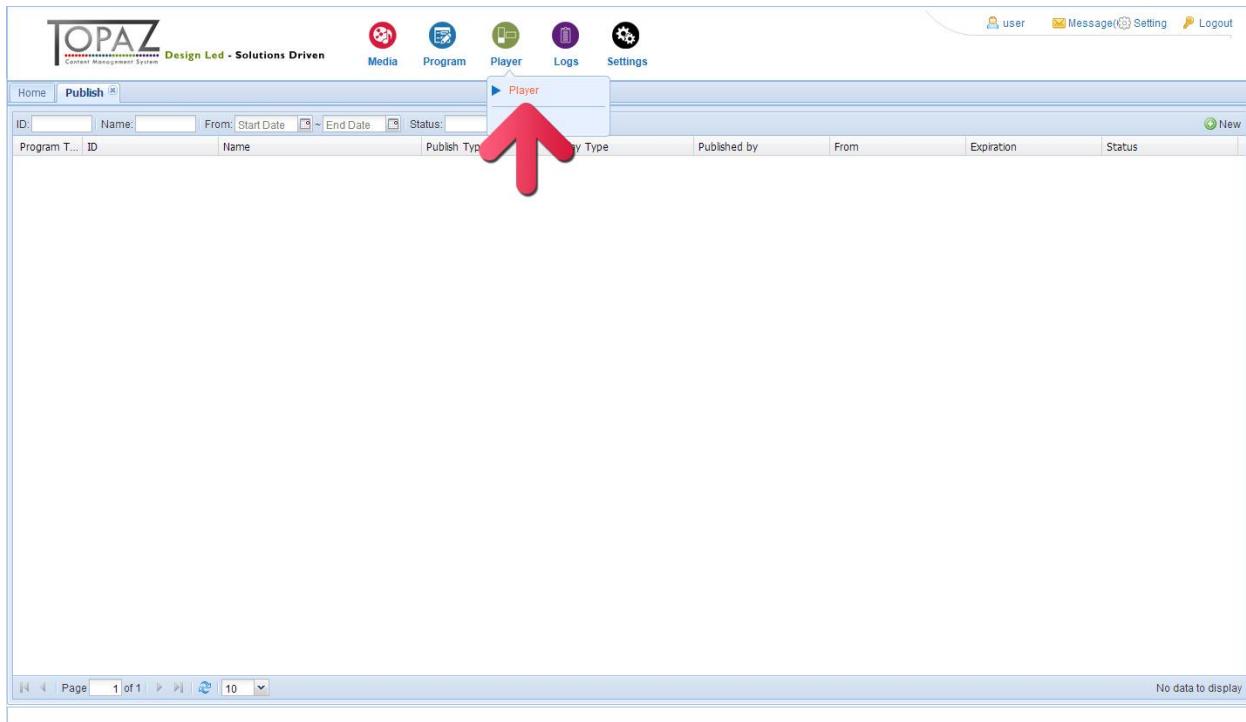


2. Your screen will now restart and when the "Home" screen loads, should be in the correct orientation.
3. Now you must ensure that the template you use for this screen correlates with the orientation of the screen. That is to say that if you have a Landscape screen then you should use a Horizontal template and if your screen is installed in Portrait orientation you should use a Vertical template.

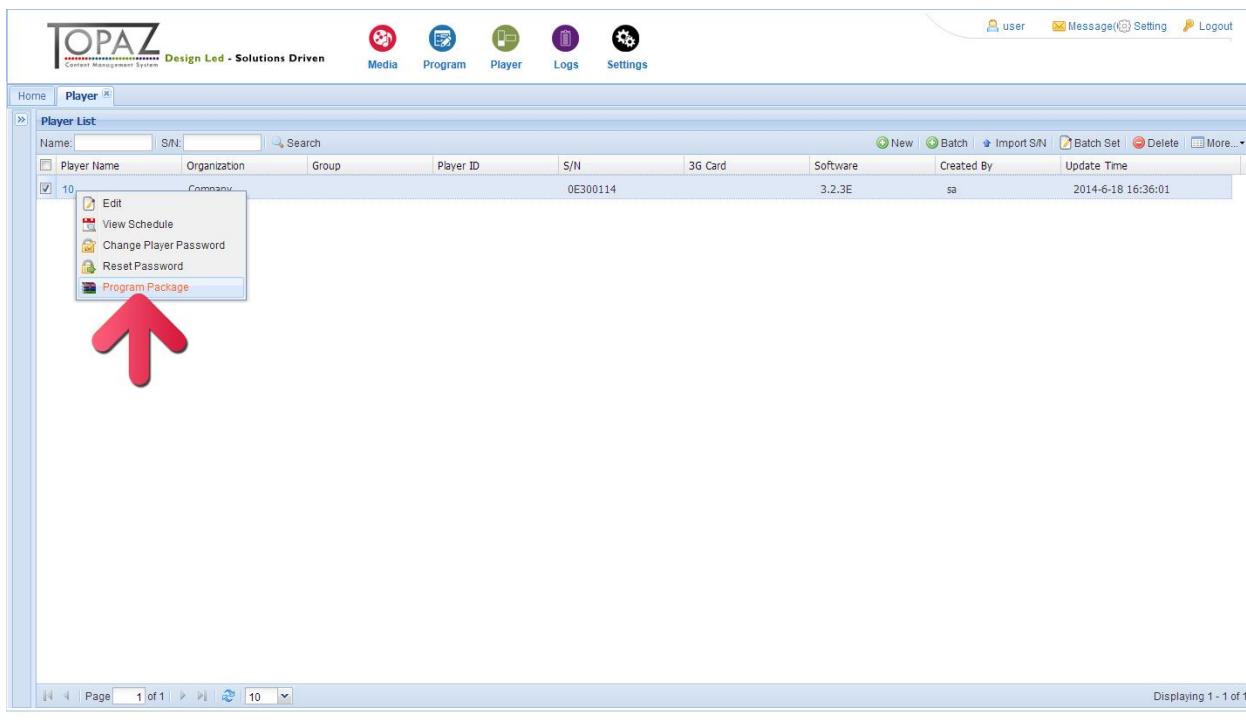
### **3.3 How do I update my screen if it is not connected to the internet? (Plug and play method)**

If your screen is not connected to the internet for whatever reason and you still want to update it you can do so by a physical plug and play method.

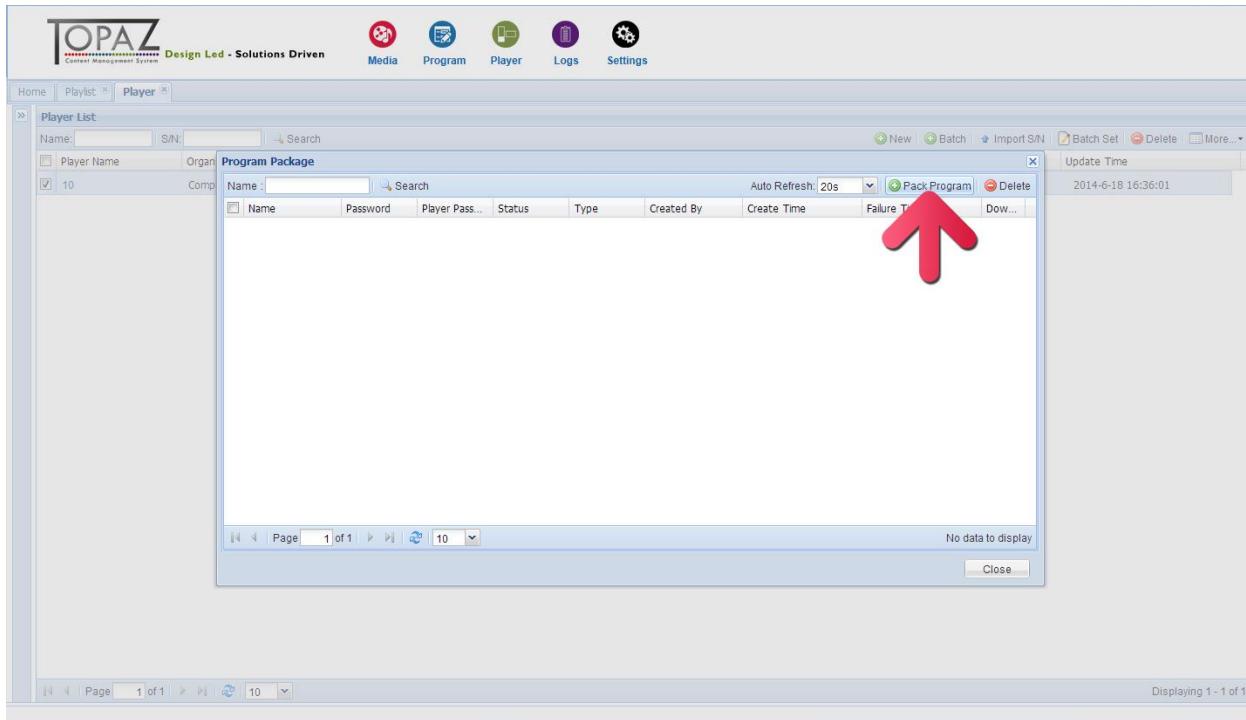
Begin by taking the normal steps to create a playlist and publish as normal. Then hover over the “Player” section of the Top Menu then click on “Player”. You will see a list of all of your screens.



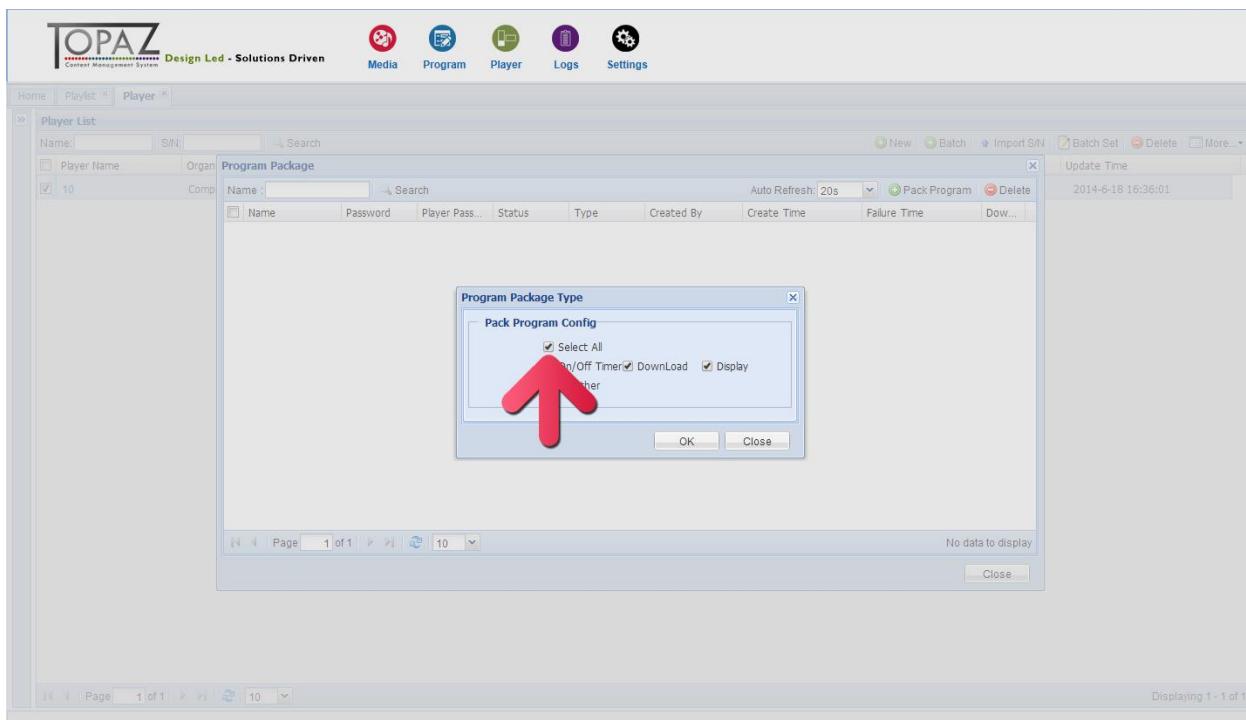
Right-click on the screen you have sent the playlist to and select “Program Package”.



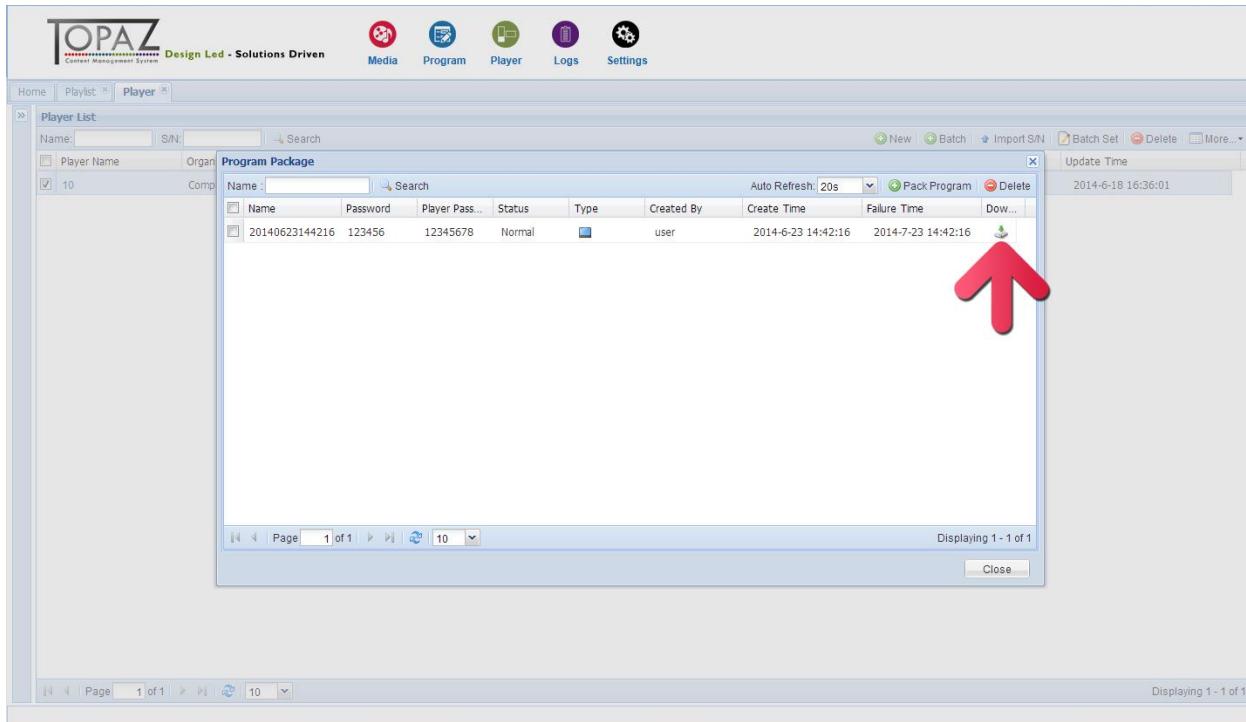
The “Program Package” window will then appear, click the “Pack Program” button.



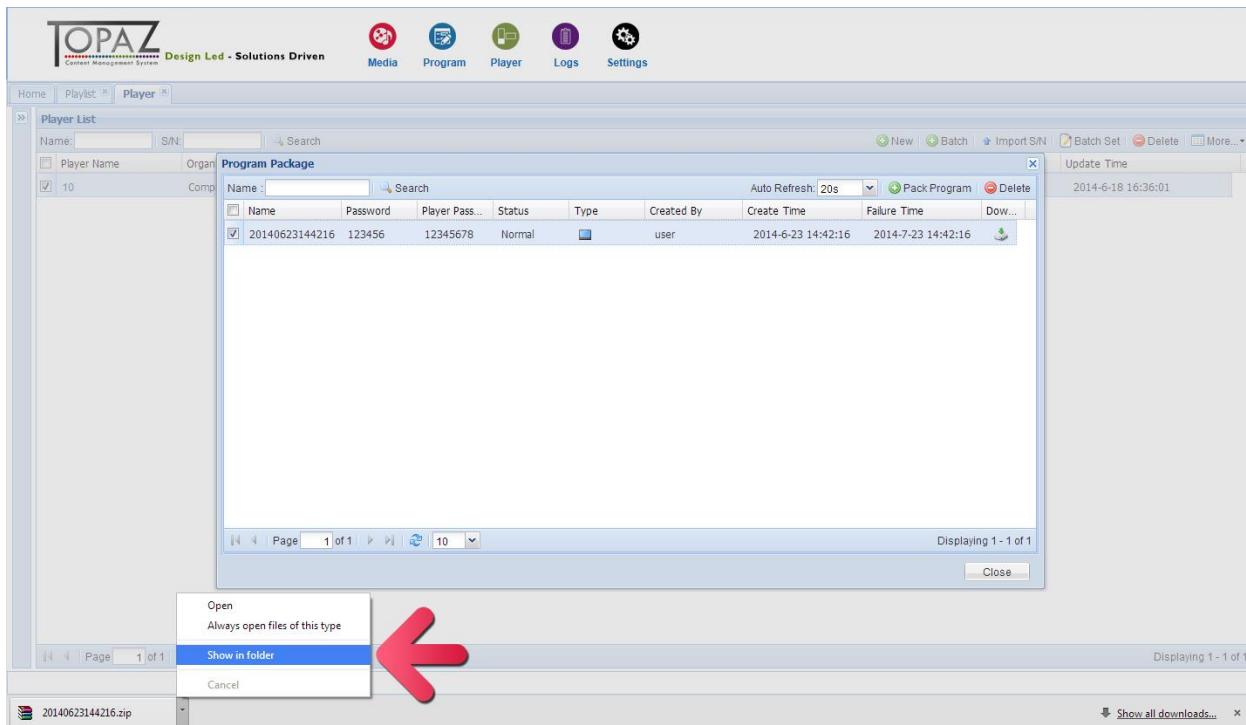
The “Program Package Type” window will then appear. Tick the “Select All” checkbox to send all timer, download, display and current weather data to the screen as well. Then click “OK”.



After a few minutes an icon will appear in the “Download” column, when it appears, click it.



Once the download is complete your web browser will inform you and normally help direct you to your files. If you are using Google Chrome, select the option “Show in folder”.



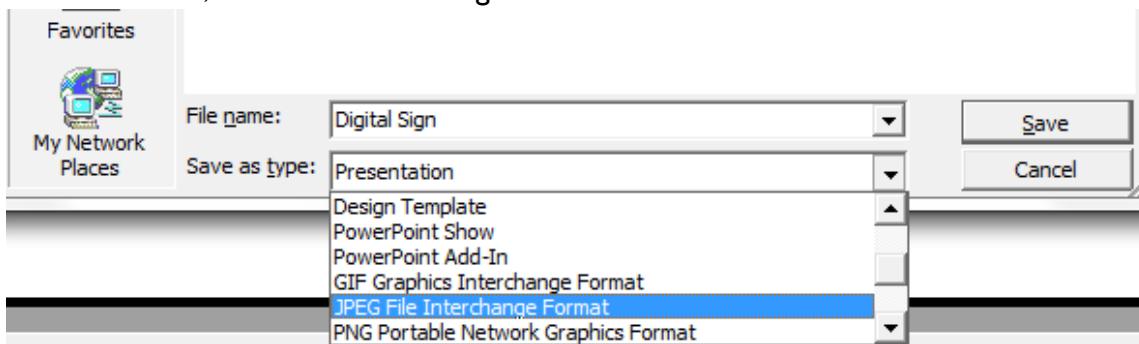
Inside the zipped folder that has been downloaded should be two folders; “MEDIA” and “SYSTEM”. Copy these two folders onto a blank USB stick, and then plug it into the USB port of your screen. Allow the data to transfer to your screen and follow the on-screen prompts before removing the USB stick.

**NOTE:** If the zipped folder may require a password, this should be “123456”.

### **3.4 How do I play PowerPoint presentations on my display?**

You can save the PowerPoint presentation as a JPEG File Interchange Format (JPEG). Microsoft PowerPoint software allows the user to do this. Once you have done this, you can upload your JPEG images and send them to the screen using the CMS.

1. Create or open a PowerPoint presentation.
2. Click “File” > “Save As”
3. Enter a File name
4. Click on “Save as type” scroll down and find the file extension “JPEG file interchange format”, as shown in the image below.



5. Click “Save”.
6. A message will appear asking if you would like to save all slides as JPEG's
7. Once you have selected “Yes”, The JPEG images will be saved and are ready to use.

**NOTE: For the best resolution, you can use the following PowerPoint Page Setup:  
Width 42.6cm; Height 24cm (16:9 Ratio)**

## 3.5 Video Format Conversion

If you have video files in a format that is not supported you will need to convert them (please see section 2.1.6 for Supported Media Files). There are two possible tools for converting video and are as follows.

### 3.5.1 Format Factory (Standard Definition)

This is a free multipurpose convertor that can be used for normal definition video files.

1. Download a free video convertor for Windows called Format Factory which can be found here:

<http://www.formatoz.com/>

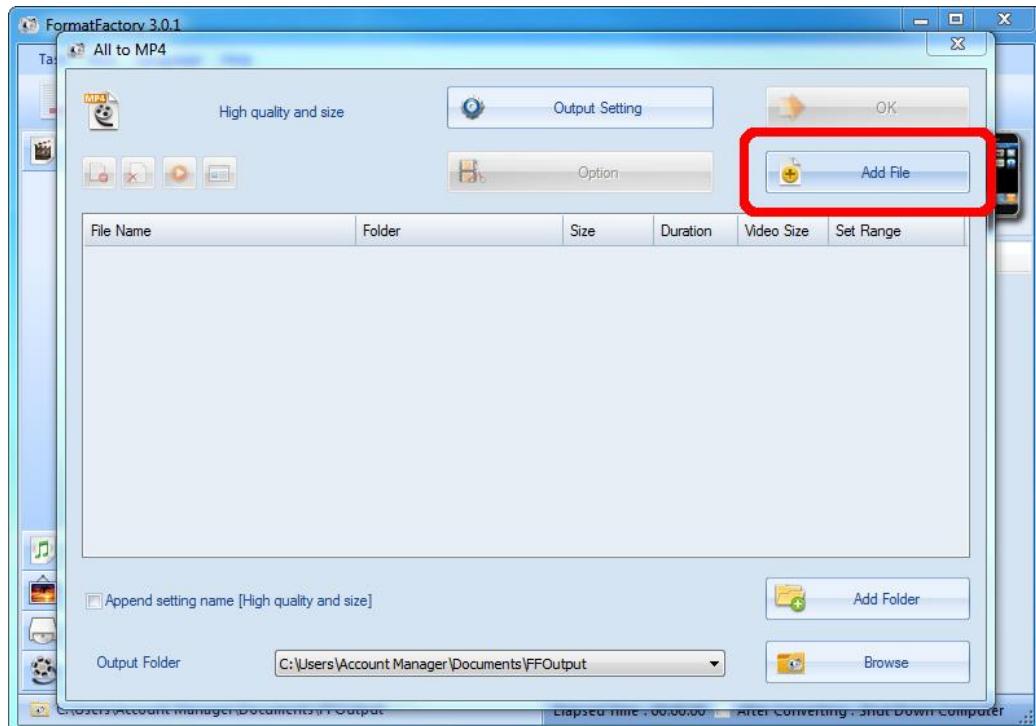
2. Once you have finished downloading Format Factory, launch the software.



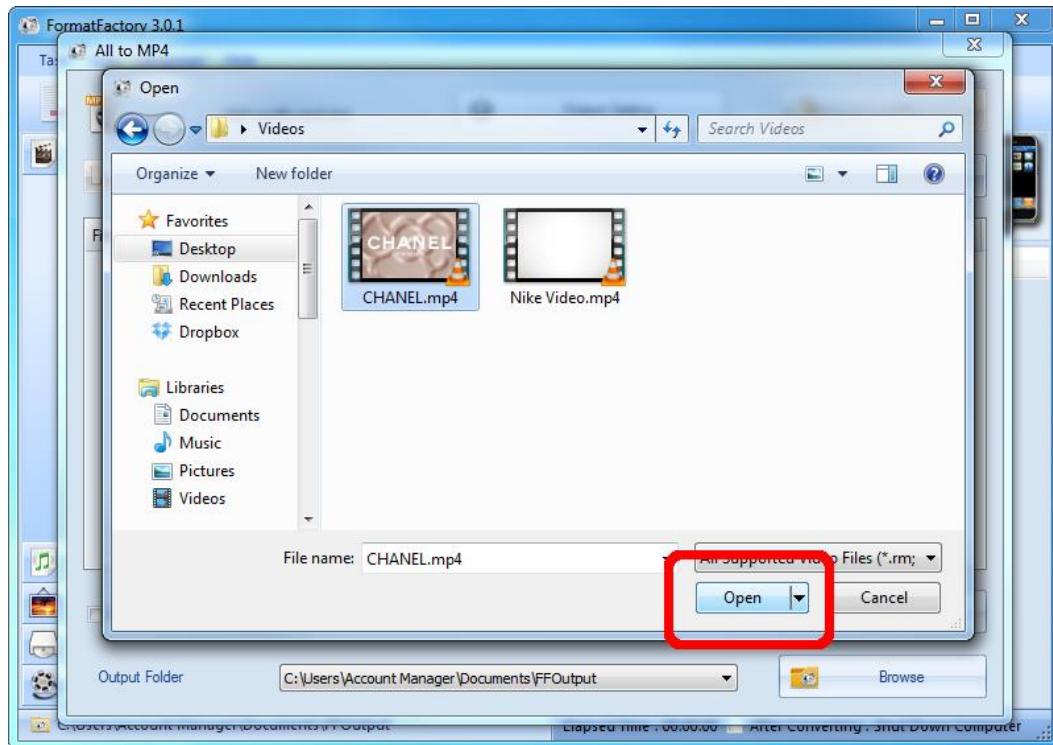
3. Next, access the “Video” section of the Top Menu then click on “All to MP4”.



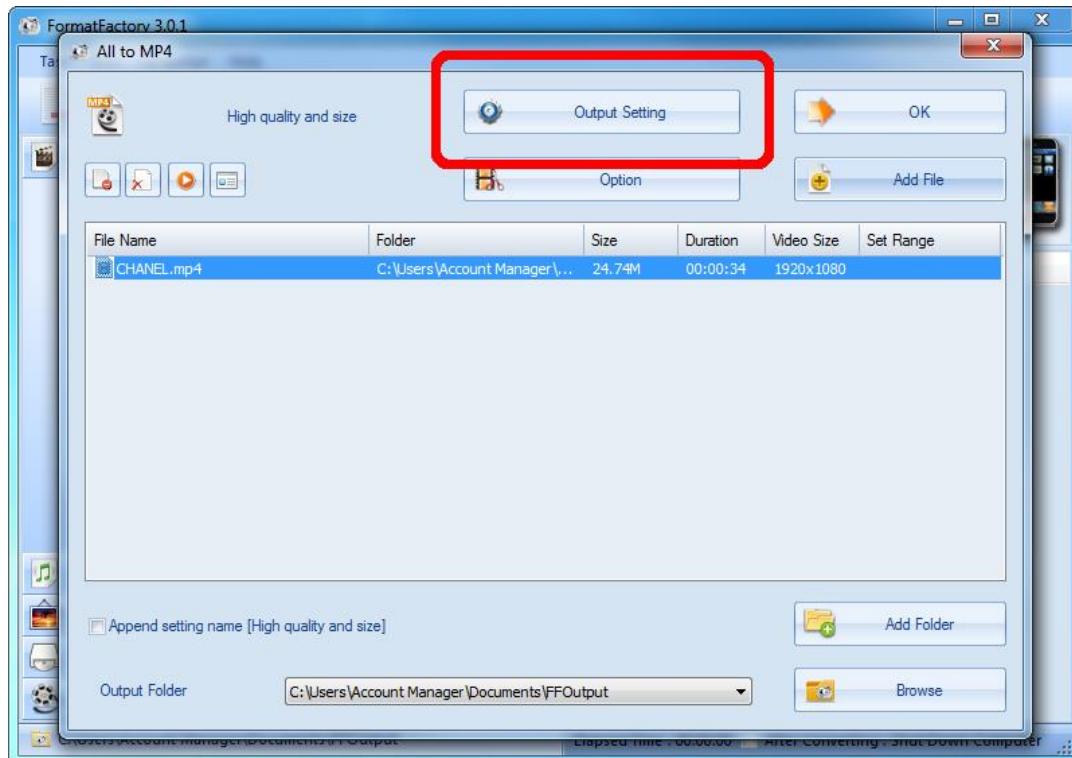
4. Now click “Add File”



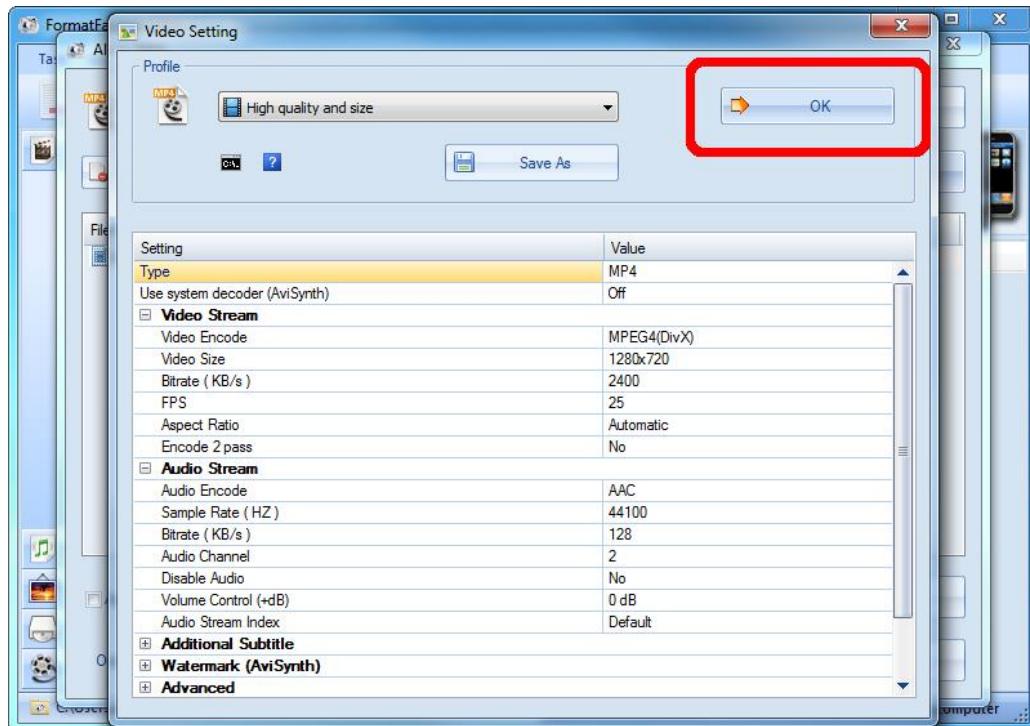
5. Next, locate and select the video files you wish to convert and click “Open”.



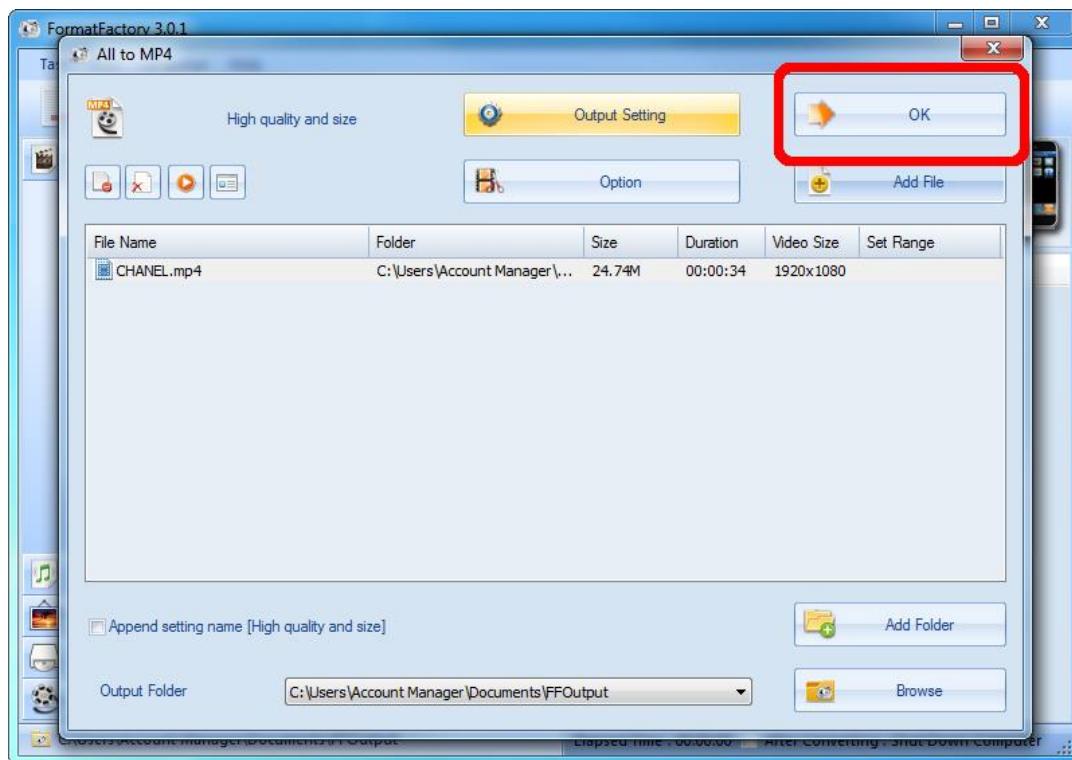
6. Now click “Output Setting”.



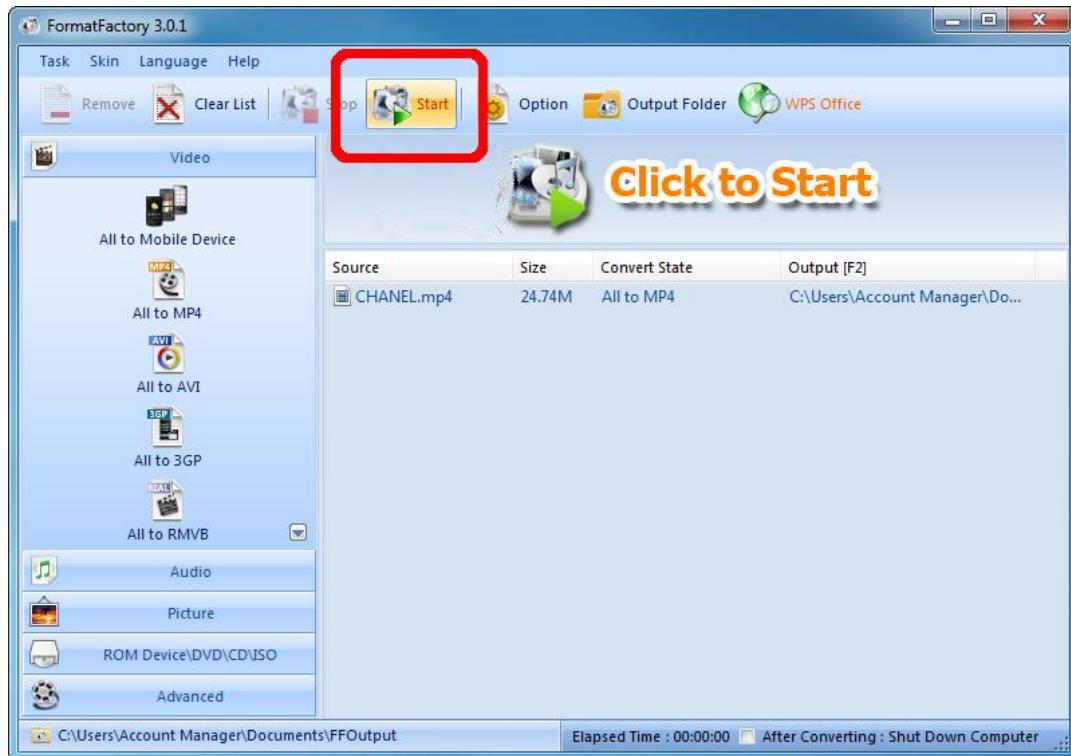
7. Set your “Video Settings” to the following values, then click “OK”:



8. Click “OK”.



9. Click “Start”.



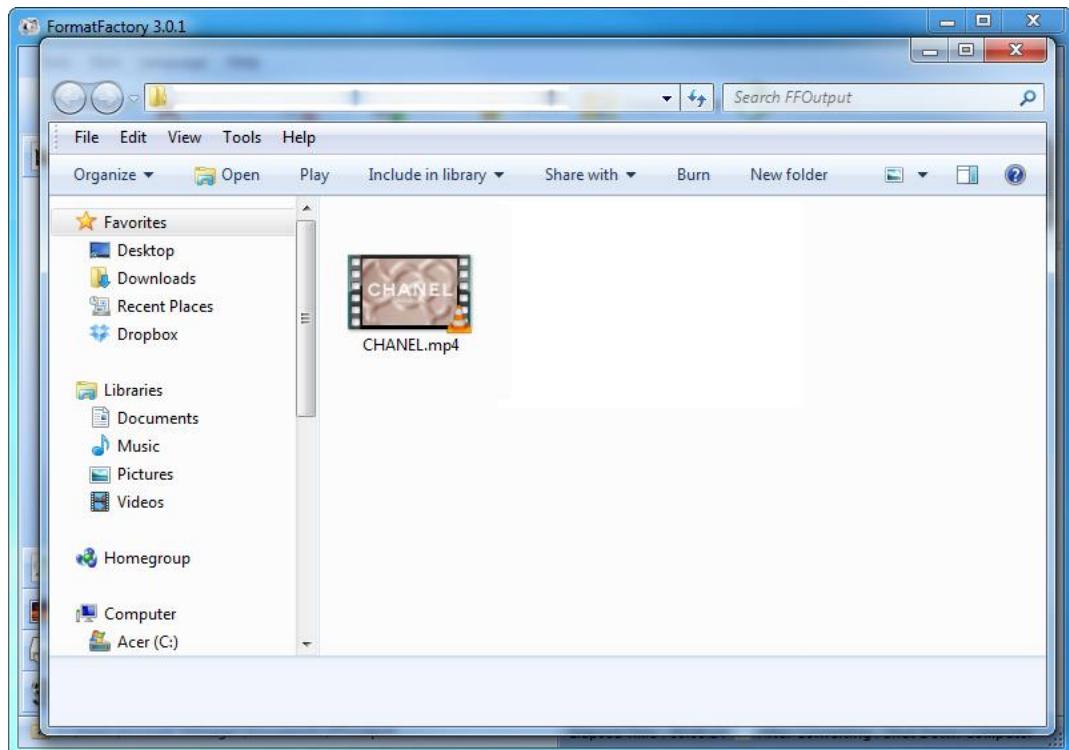
10. Your video will now be converted. You can track its progress with the “Convert State” bar.



11. Now click “Output Folder” to access your converted video(s).



12. You will now be redirected to your converted videos. Please copy them to a location more convenient for uploading later.



### 3.5.2 HD Video Converter Deluxe (High Definition)

This is only really useful for High Definition videos.

Download link: <http://www.winxvd.com/hd-video-converter-deluxe/>

This software is not free.

MP4 gives the best display quality. Please follow the following steps:

1. Select “**HD Video**” tab then the “**to HD MP4**” tab.
2. Change audio quality to 448 kbps, and change video quality to 12000, output image setting to custom size with custom aspect ratio, and video resolution to HD1080P(1920:1080), video codec to MPEG4.

See the screen shot below for the recommend settings.

